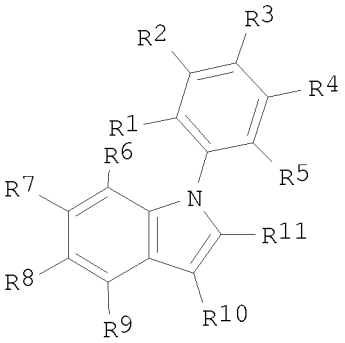
L6 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:1146277 CAPLUS <<LOGINID::20080222>>
DN 147:427219
TI Preparation of arylindoles and related compounds for treatment of diseases associated with defects in vesicular (axonal) transport.
IN Klein, Christine; Gassman, Andrew D.; Bhoite, Leena; Manfredi, John
PA Myriad Genetics, Inc., USA
SO PCT Int. Appl., 255pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2007115306	A2	20071011	WO 2007-US65969	20070404

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI US 2006-789524P P 20060404
OS MARPAT 147:427219
GI



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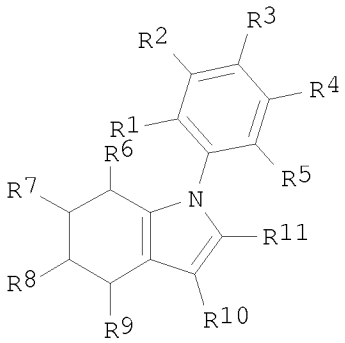

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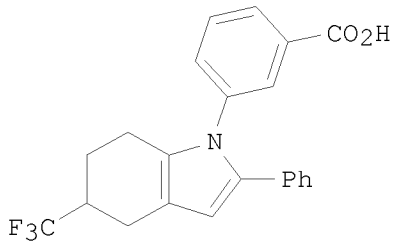


III

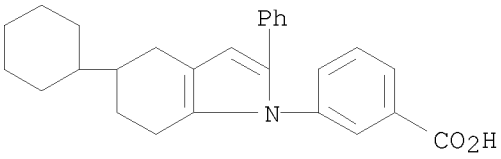
AB Title compds. [I, II; ≥1 of R1–R5 = LCO2H, LCH:CHCO2H, LCONH2, LCONHA, LCONA2, LSO2A, LSO2NH2, LSO2NA2, LSO2NHA, LCONHOH, LCOCH2NH2, LCOCH2OH, LCOCH2SH, LCONHCN, LNHCO2R, LCONHR, LNHCONHR, LCONR2, LNHCONR2,

L-sulfo, L-2,6-difluorophenol, L-phosphono, L-tetrazolyl; the others of R1-R5 = H, OH, halo, alkyl, alkoxy, haloalkyl, haloalkoxy, amino, CONH2, etc.; L = specified linker; A = alkyl; R6-R10 = H, OH, halo, alkyl, alkoxy, haloalkyl, haloalkoxy, amino, CONH2, CHF2, CF3, cyano, cyclohexyl, morpholino, pyrrolidinyl, piperazinyl, CO2Et, etc.; 2 adjacent R6-R9 = atoms to form a (substituted) 4-7 membered aryl, cycloalkyl ring; R11 = (substituted) Ph, heterocyclyl; R = alkyl, haloalkyl], were prepared Thus, title compound (III) reduced the flipper phenotype in khc/+; klc/+ Drosophila larvae having an approx. 50% reduction in kinesin.

IT 883896-61-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of arylindoles and related compds. for treatment of diseases associated with defects in vesicular (axonal) transport)

RN 883896-61-5 CAPLUS

CN Benzoic acid, 3-(5-cyclohexyl-4,5,6,7-tetrahydro-2-phenyl-1H-indol-1-yl)- (CA INDEX NAME)



L6 ANSWER 2 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:817925 CAPLUS <<LOGINID::20080222>>

DN 147:211730

TI Isoindole derivatives as cannabinoid receptor modulators and their preparation, pharmaceutical compositions and use in the treatment of diseases

IN Chackalamannil, Samuel; Chelliah, Mariappan V.; Clasby, Martin C.; Eagen, Keith A.; Scott, Jack D.; Wang, Yuguang; Xia, Yan; Greenlee, William J.

PA Schering Corp., USA

SO PCT Int. Appl., 406pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2007084450	A2	20070726	WO 2007-US1024	20070116
WO 2007084450	A3	20071108		

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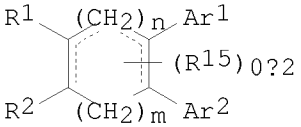
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

US 2007197628	A1	20070823	US 2007-653558	20070116

PRAI US 2006-760007P P 20060118
US 2006-846965P P 20060925
OS MARPAT 147:211730
GI



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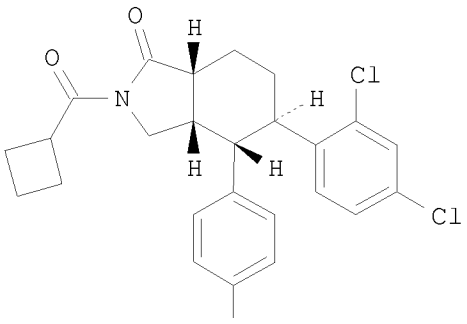


II

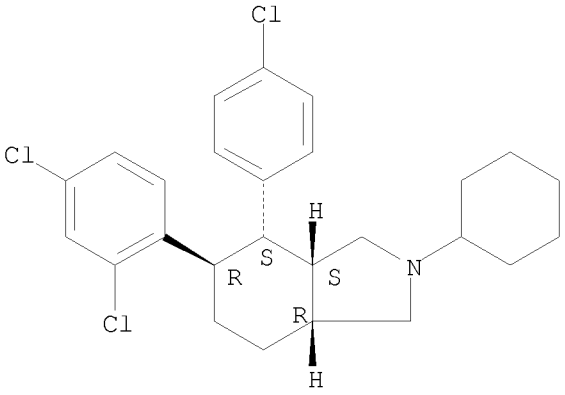
AB A compound having the general structure of formula I or a pharmaceutically acceptable salt, solvate, or ester thereof, is useful in treating diseases, disorders, or conditions such as obesity, metabolic disorders, addiction, diseases of the central nervous system, cardiovascular disorders, respiratory disorders, and gastrointestinal disorders. Compds. of formula I wherein m is 0 and 1; n is 1 and 2; and m + n is 1 and 2; dashed lines is single and double bonds; R1 is CONH2 and derivs., CO2-alkyl, and acyl; R2 is H, (un)substituted alkyl, and alkylene-NH2 and derivs.; R1R2 taken together fo form a (un)substituted 5-membered heterocyclic ring; R15 is H, N3, halo, alkenyl, (un)substituted alkylene, OH, CN, etc.; Ar1 and Ar2 are independently (un)substituted (hetero)aryl; and their pharmaceutically acceptable salts, solvates and esters thereof, are claimed. Example compound II was prepared by a general procedure (procedure given). All the invention compds. were evaluated for their cannabinoid receptor modulatory activity. From the assay, it was determined that compound II exhibited Ki value in the range of 10 to 1 nM.

IT 944810-98-4P 944816-39-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of isoindole derivs. as cannabinoid receptor modulators useful in the treatment of diseases or conditions mediated by cannabinoid receptors)

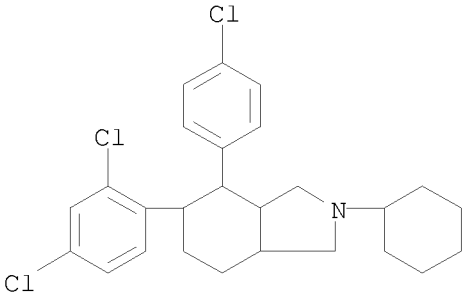
RN 944810-98-4 CAPLUS

CN 1H-Isoindole, 4-(4-chlorophenyl)-2-cyclohexyl-5-(2,4-dichlorophenyl)octahydro-, (3aR,4R,5S,7aS)-rel- (CA INDEX NAME)

Relative stereochemistry.

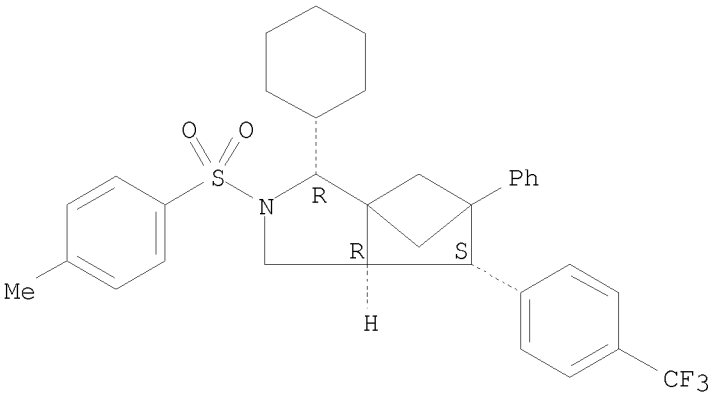


RN 944816-39-1 CAPLUS
CN 1H-Isoindole, 4-(4-chlorophenyl)-2-cyclohexyl-5-(2,4-dichlorophenyl)octahydro- (CA INDEX NAME)



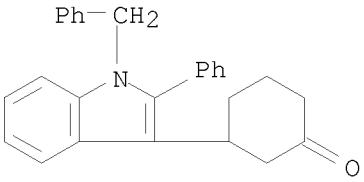
L6 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:658442 CAPLUS <<LOGINID::20080222>>
DN 145:292807
TI Pericyclic cascade reactions of (bicyclo[1.1.0]butylmethyl)amines
AU Wipf, Peter; Walczak, Maciej A. A.
CS Department of Chemistry, University of Pittsburgh, Pittsburgh, PA, 15260, USA
SO Angewandte Chemie, International Edition (2006), 45(25), 4172-4175
CODEN: ACIEF5; ISSN: 1433-7851
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
OS CASREACT 145:292807
AB Phase-transfer N-allylation and N-propargylation of (bicyclo[1.1.0]butylmethyl)amines initiate diastereoselective pericyclic cascade reactions that culminate in novel spirocyclic and tricyclic pyrrolidine heterocycles through formal ene or [2+2] pathways.
IT 908120-48-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of spirocyclic and tricyclic pyrrolidine heterocycles via pericyclic cascade reactions of (bicyclo[1.1.0]butylmethyl)amines)
RN 908120-48-9 CAPLUS
CN 1H-3a,5-Methanocyclopenta[c]pyrrole, 3-cyclohexylhexahydro-2-[(4-methylphenyl)sulfonyl]-5-phenyl-6-[4-(trifluoromethyl)phenyl]-, (3R,6S,6aR)-rel- (CA INDEX NAME)

Relative stereochemistry.



RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:530429 CAPLUS <<LOGINID::20080222>>
DN 145:188669
TI 2,3-Disubstituted Benzofuran and Indole by Copper-Mediated C-C Bond Extension Reaction of 3-Zinciobenzoheterole
AU Nakamura, Masaharu; Ilies, Laurean; Otsubo, Saika; Nakamura, Eiichi
CS Department of Chemistry, University of Tokyo, Tokyo, 113-0033, Japan
SO Organic Letters (2006), 8(13), 2803-2805
CODEN: ORLEF7; ISSN: 1523-7060
PB American Chemical Society
DT Journal
LA English
OS CASREACT 145:188669
AB A metalative 5-endo-dig cyclization reaction of 2-ynylphenols or anilines effected by BuLi and ZnCl2 produces 3-zinciobenzoheteroles in excellent yield. These intermediates have been transmetalated to the corresponding cuprates and allowed to react with electrophiles to produce a variety of 2,3-disubstituted benzofurans and indoles.
IT 902771-19-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of 2,3-disubstituted benzofurans and indoles by copper-mediated C-C bond extension reaction of 3-zinciobenzoheterole)
RN 902771-19-1 CAPLUS
CN Cyclohexanone, 3-[2-phenyl-1-(phenylmethyl)-1H-indol-3-yl]- (CA INDEX NAME)



RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:361235 CAPLUS <<LOGINID::20080222>>
DN 144:412361
TI Preparation of indole derivatives for treatment of Alzheimer's disease
IN Slade, Rachel; Klimova, Yevgeniya; Halter, Robert J.; Yungai, Ashantai J.; Weiner, Warren S.; Walton, Ruth J.; Willardsen, Jon Adam; Anderson, Mark B.; Zavitz, Kenton
PA Myriad Genetics, Inc., USA
SO PCT Int. Appl., 300 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006041874	A2	20060420	WO 2005-US35747	20051004
	WO 2006041874	A3	20070125		
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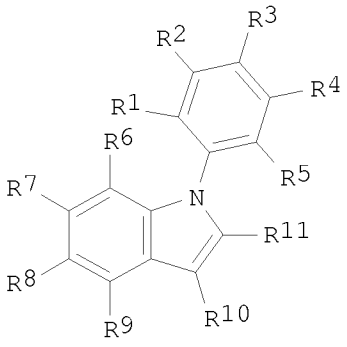
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2005294404	A1	20060420	AU 2005-294404	20051004
	CA 2582674	A1	20060420	CA 2005-2582674	20051004
	EP 1809601	A2	20070725	EP 2005-802834	20051004
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
	CN 101068781	A	20071107	CN 2005-80041316	20051004
	IN 2007KN01483	A	20070831	IN 2007-KN1483	20070425
	KR 2007060156	A	20070612	KR 2007-710297	20070504
PRAI	US 2004-615914P	P	20041004		
	US 2004-616162P	P	20041004		
	US 2005-660479P	P	20050309		
	US 2005-660278P	P	20050310		
	WO 2005-US35747	W	20051004		

OS CASREACT 144:412361; MARPAT 144:412361
GI



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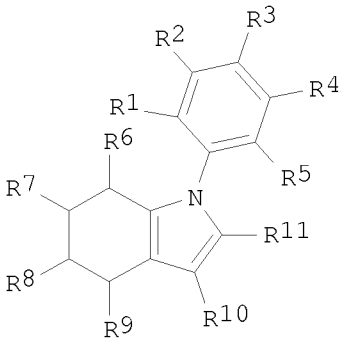
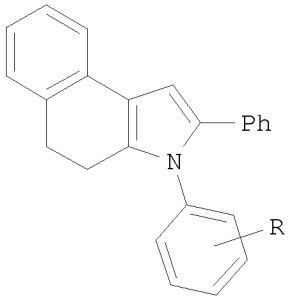


II



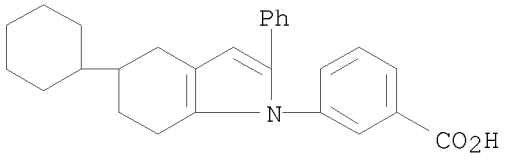
III

AB The invention provides novel indoles I and II [R1-R5 = independently H, OH, halo, CN, NO2, L-CO2H, L-CH:CHCO2H, optionally substituted alkyl, alkoxy, amino, L-CONH2, L-SO2(C1-3alkyl), L-SO2NH2, L-phosphono, L-tetrazolyl, etc.; R6-R10 = independently H, OH, halo, CN, NO2, optionally substituted alkyl, alkoxy, amino, CONH2, SO2-alkyl, SO2NH2, etc.; adjacent R6-R9 may form 4-7 membered, optionally substituted ring; R11 = optionally substituted Ph; L = optionally substituted (CH2)n-(CH2)n, (CH2)nCO(CH2)n, (CH2)nNH(CH2)n, (CH2)nO(CH2)n, (CH2)nS(CH2)n; each n = independently 0-8;] useful for the treatment of neurodegenerative disorders including Alzheimer's disease and dementia. Thus, condensation of phenacyl bromide with 1-(3,4-dihydro-2-naphthyl)pyrrolidine gave the expected 1-(2-oxo-2-phenylethyl)-3,4-dihydro-1H-naphthalen-2-one, which was condensed with substituted anilines RC6H4NH2 (R = 3-CO2H, 4-OH; 4-CH2CH2CO2H; 4-CH2CO2H; 3-OH; 4-OH; 3-CO2H; 3-CH2CO2H; 3-CH2CH2CO2H; 4-CH2CH2CH2CO2H) to give dihydrobenzindoles III.

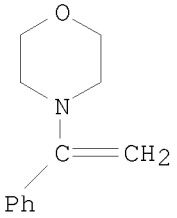
IT 883896-61-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of indole derivs. for treatment of Alzheimer's disease)

RN 883896-61-5 CAPLUS

CN Benzoic acid, 3-(5-cyclohexyl-4,5,6,7-tetrahydro-2-phenyl-1H-indol-1-yl)- (CA INDEX NAME)



L6 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:39819 CAPLUS <<LOGINID::20080222>>
DN 144:273965
TI Enantioselective Bronsted acid catalyzed conjugate addition of aryl methyl ketone derived enamines to nitroalkenes
AU Dixon, Darren J.; Richardson, Robert D.
CS School of Chemistry, The University of Manchester, Manchester, M13 9PL, UK
SO Synlett (2006), (1), 81-85
CODEN: SYNLES; ISSN: 0936-5214
PB Georg Thieme Verlag
DT Journal
LA English
OS CASREACT 144:273965
GI



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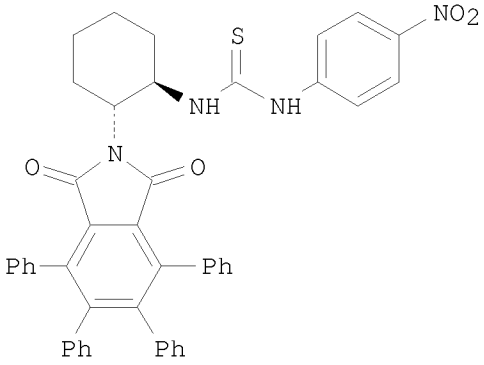
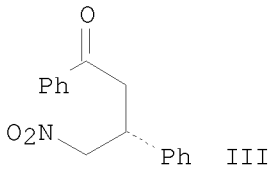


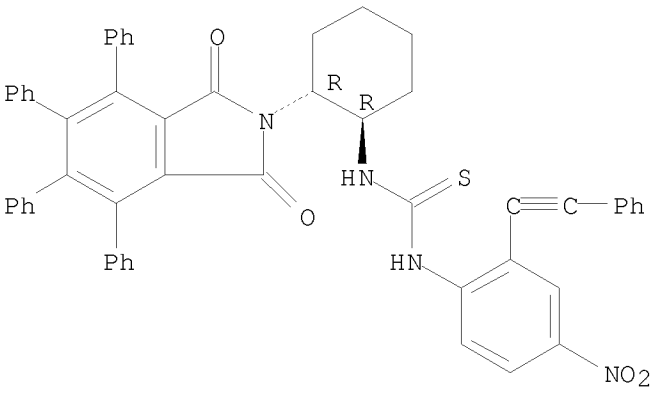
II



III

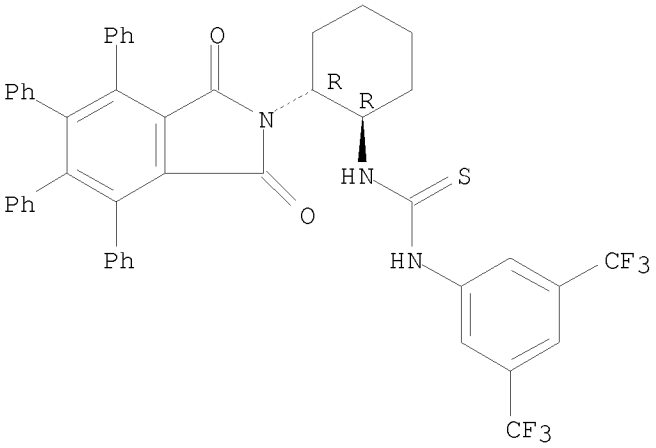
AB A novel Bronsted acid catalyst has been developed for the conjugate addition of aryl Me ketone derived enamines to nitroalkenes in good yield and moderate enantioselectivity. E.g., conjugate addition of enamine I with (E)-PhCH:CHNO2 in presence of thiourea II gave adduct III (40% conversion, 38% ee).
IT 878049-85-5 878049-86-6
RL: CAT (Catalyst use); USES (Uses)
(enantioselective Bronsted acid catalyzed conjugate addition of aryl Me ketone derived enamines to nitroalkenes)
RN 878049-85-5 CAPLUS
CN Thiourea, N-[(1R,2R)-2-(1,3-dihydro-1,3-dioxo-4,5,6,7-tetraphenyl-2H-isoindol-2-yl)cyclohexyl]-N'-[4-nitro-2-(phenylethynyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



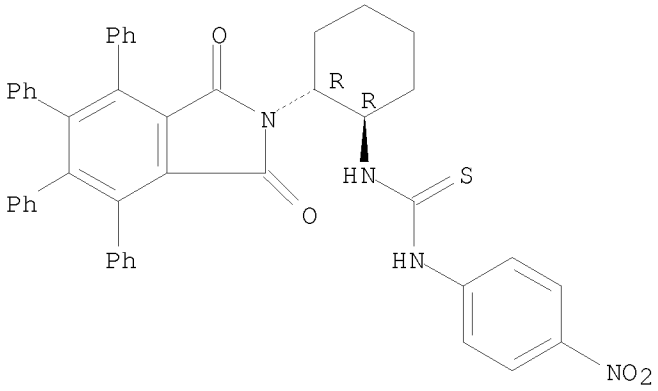
RN 878049-86-6 CAPLUS
CN Thiourea, N-[3,5-bis(trifluoromethyl)phenyl]-N'-[(1R,2R)-2-(1,3-dihydro-1,3-dioxo-4,5,6,7-tetraphenyl-2H-isoindol-2-yl)cyclohexyl]- (CA INDEX NAME)

Absolute stereochemistry.



IT 878049-84-4P
RL: CAT (Catalyst use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
(enantioselective Bronsted acid catalyzed conjugate addition of aryl Me ketone derived enamines to nitroalkenes)
RN 878049-84-4 CAPLUS
CN Thiourea, N-[(1R,2R)-2-(1,3-dihydro-1,3-dioxo-4,5,6,7-tetraphenyl-2H-isoindol-2-yl)cyclohexyl]-N'-(4-nitrophenyl)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:693768 CAPLUS <<LOGINID::20080222>>
DN 143:174333
TI Polycarbonate films/sheets with low moisture absorption, high solder heat resistance, and low dielectric constant for flexible printed circuit boards
IN Miyamoto, Hideyuki; Morishita, Hironobu; Tamura, Hiroyuki
PA Idemitsu Kosan Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 22 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2005206834	A	20050804	JP 2004-374925	20041224
PRAI	JP 2003-426164	A	20031224		

GI

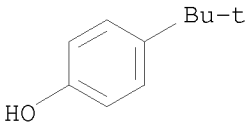
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The films/sheets contain polycarbonate copolymers having (A) repeating units I [R1, R2 = halo, C1-12 alkyl(oxy), C6-12 aryl, C7-13 aralkyl or alkenyl, C1-12 fluoroalkyl; r = 0-4; s = 0-14] and (B) repeating units II [R3 = same as R1; t = 0-4; X = single bond, O, CO, S, SO, SO2, CR4R5 (R4, R5 = H, C1-12 alkyl, CF3), C6-12 cycloalkylidene, 9,9-fluorenylidene, 1,8-menthanediyl, 2,8-menthanediyl, 1,3-adamantylene, pyrazylidene, C6-12 arylene, C(CH3)2C6H4C(CH3)2, R8(OSiR6R7)nSiR6R7OR9 (R6, R7 = H, C1-20 alkyl, C6-30 aryl; R8, R9 = C1-20 alkylene; n = 1-200)] with molar ratio of A/(A + B) 0.5-0.95. Alternatively, the polycarbonate copolymers have A and (C) repeating units III [R10, R11 = same as R1; u, v = 0-4; Y = O, NR12 (R12 = H, C1-12 alkyl, C6-12 aryl, C7-13 aralkyl or alkenyl, C1-12 fluoroalkyl)] with molar ratio of A/(A + C) 0.5-0.95. Thus, 2,2-bis(4-hydroxyphenyl)adamantane was polymerized with 1,1-bis(4-hydroxyphenyl)cyclohexane and phosgene in the presence of p-tert-butylphenol to give a copolymer with A/B molar ratio 75:25, reduced viscosity 0.6 dL/g, and Tg 270°, which was cast to give a film with dielec. constant 2.9 and saturated water absorbency 0.2 wt%.

IT 860605-70-5P
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(polycarbonate films/sheets with low moisture absorption, high solder heat resistance, and low dielec. constant for flexible printed circuit boards)
RN 860605-70-5 CAPLUS
CN Carbonic dichloride, polymer with 2-cyclohexyl-2,3-dihydro-3,3-bis(4-hydroxyphenyl)-1H-isoindol-1-one and 4,4'-tricyclo[3.3.1.13,7]decylidenebis[phenol], 4-(1,1-dimethylethyl)phenyl ester (9CI) (CA INDEX NAME)

CM 1

CRN 98-54-4
CMF C10 H14 O

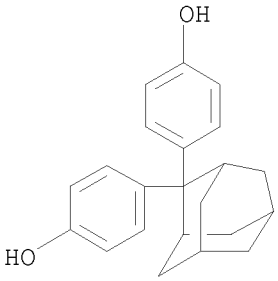


CM 2

CRN 847547-95-9
CMF (C26 H25 N O3 . C22 H24 O2 . C Cl2 O)x
CCI PMS

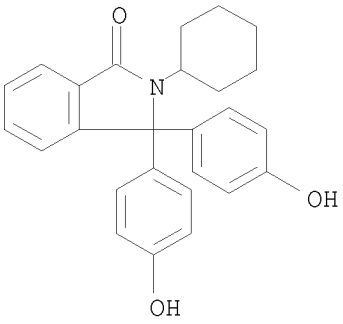
CM 3

CRN 52211-74-2
CMF C22 H24 O2



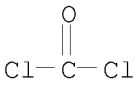
CM 4

CRN 22749-88-8
CMF C26 H25 N O3



CM 5

CRN 75-44-5
CMF C Cl2 O



L6 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:235163 CAPLUS <<LOGINID::20080222>>
DN 142:298740
TI Polycarbonates with high transparency and good heat resistance, their manufacture, and optical materials
IN Miyamoto, Hideyuki; Morishita, Hironobu; Tamura, Hiroyuki; Hamada, Yasushi
PA Idemitsu Kosan Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 22 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2005068216	A	20050317	JP 2003-296578	20030820
PRAI JP 2003-296578		20030820		

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title polycarbonates have adamantane-containing repeating units I (R1, R2 = halo, C1-12 alkyl or alkoxy, C6-12 aryl, C7-13 aryl-substituted alkyl, C8-13 aryl-substituted alkenyl, C1-12 fluoroalkyl; m = 0-4; l = 0-14) and repeating units II (R3, R4 = halo, C1-12 alkyl or alkoxy, C6-12 aryl, C7-13 aryl-substituted alkyl, C8-13 aryl-substituted alkenyl, C1-12 fluoroalkyl; r, s = 0-4; X = O, NR5; R5 = H, C1-12 alkyl, C6-12 aryl, C7-13 aryl-substituted alkyl or alkenyl, C1-12 fluoroalkyl). Thus, 2,2-bis(4-hydroxyphenyl)adamantane, 3,3-bis(p-hydroxyphenyl)-N-phenylphthalimidine, and COCl2 were treated to give a polymer with glass transition temperature 298°, which was dissolved in CH2Cl2 and cast on a

glass substrate to give a film showing total light transmittance 92%.

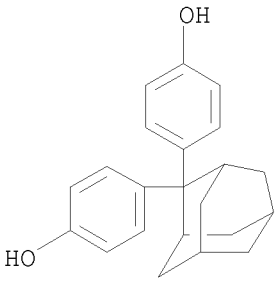
IT 847547-95-9P
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(manufacture of adamantane-containing polycarbonates with good heat resistance
for optical materials)

RN 847547-95-9 CAPLUS

CN Carbonic dichloride, polymer with 2-cyclohexyl-2,3-dihydro-3,3-bis(4-hydroxyphenyl)-1H-isoindol-1-one and 4,4'-tricyclo[3.3.1.13,7]decylidenebis[phenol] (9CI) (CA INDEX NAME)

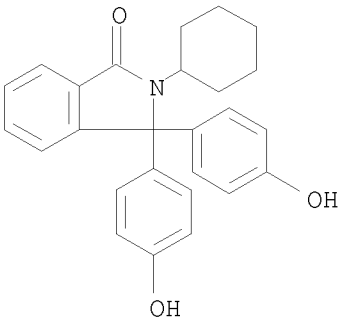
CM 1

CRN 52211-74-2
CMF C22 H24 O2



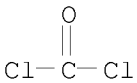
CM 2

CRN 22749-88-8
CMF C26 H25 N O3



CM 3

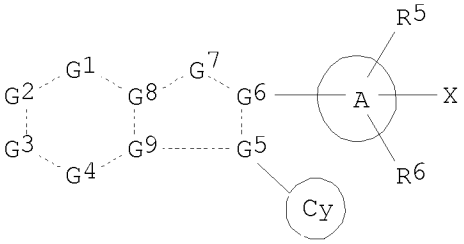
CRN 75-44-5
CMF C Cl2 O



L6 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:141029 CAPLUS <<LOGINID::20080222>>
DN 142:240430
TI Preparation of heterocyclic compounds as hepatitis C virus polymerase inhibitors
IN Oka, Takahiro; Yata, Shinji; Ikegashira, Kazutaka; Noji, Satoru; Akaki, Tatsuo; Hirashima, Shintaro; Niwa, Yasushi; Ando, Izuru; Sato, Toshihiro
PA Japan Tobacco Inc., Japan
SO PCT Int. Appl., 467 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005014543	A1	20050217	WO 2004-JP11640	20040806
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI JP 2003-288296	A	20030806		
JP 2003-288298	A	20030806		

OS MARPAT 142:240430
GI



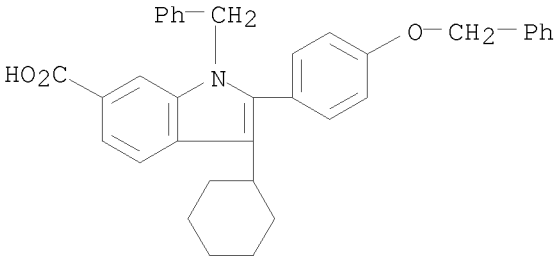
I

AB The title compds. I [G1 = CR1, N; G2 = CR2, N; G3 = CR3, N; G4 = CR4, N; G5, G6,G8, G9 = C, N; G7 = O, etc.; R1 - R4 = H, halo, etc.; R5, R6 = H, halo, etc.; ring Cy = (un)substituted cycloalkyl, etc.; ring A = aryl, etc.; X = H, halo, etc.] are prepared Thus, 2-[4-[2-(4-chlorophenyl)-5-(2-oxopyrrolidin-1-yl)benzyloxy]phenyl]-3-cyclohexyl-1-methyl-1-H-indole-6-carboxylic acid was prepared in a multistep process starting from Me 3-aminobenzoate. In an in vitro test for hepatitis C virus polymerase inhibiting activity, compds. of this invention showed IC50 values of <

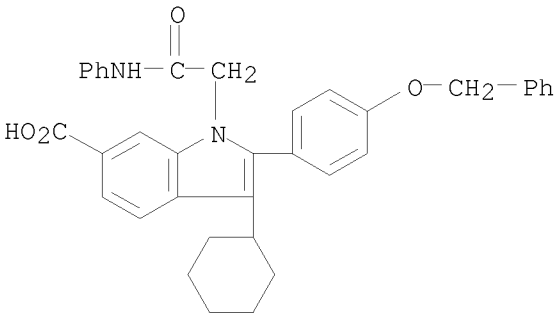
0.01 μM to < 1 μM. Formulations are given.

IT 844891-60-7P 844893-27-2P
RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclic compds. as hepatitis C virus polymerase inhibitors)

RN 844891-60-7 CAPLUS
CN 1H-Indole-6-carboxylic acid, 3-cyclohexyl-2-[4-(phenylmethoxy)phenyl]-1-(phenylmethyl)- (CA INDEX NAME)



RN 844893-27-2 CAPLUS
CN 1H-Indole-6-carboxylic acid, 3-cyclohexyl-1-[2-oxo-2-(phenylamino)ethyl]-2-[4-(phenylmethoxy)phenyl]- (CA INDEX NAME)



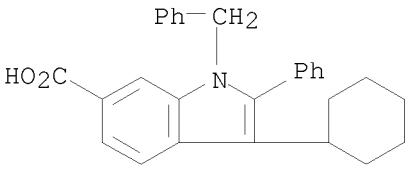
RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:106895 CAPLUS <<LOGINID::20080222>>
DN 142:328921
TI Development and Preliminary Optimization of Indole-N-Acetamide Inhibitors of Hepatitis C Virus NS5B Polymerase
AU Harper, Steven; Pacini, Barbara; Avolio, Salvatore; Di Filippo, Marcello; Migliaccio, Giovanni; Laufer, Ralph; De Francesco, Raffaele; Rowley, Michael; Narjes, Frank
CS IRBM, Merck Research Laboratories Rome, Pomezia, Rome, 00040, Italy
SO Journal of Medicinal Chemistry (2005), 48(5), 1314-1317
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
OS CASREACT 142:328921

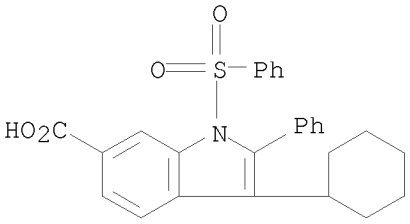
AB Allosteric inhibition of the hepatitis C virus (HCV) NS5B RNA-dependent RNA polymerase enzyme has recently emerged as a viable strategy toward blocking replication of viral RNA in cell-based systems. We report here a novel class of allosteric inhibitor of NS5B that shows potent affinity for the NS5B enzyme and effective inhibition of subgenomic HCV RNA replication in HUH-7 cells. Inhibitors from this class have promising characteristics for further development as anti-HCV agents.

IT 848485-35-8P 848485-36-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(indoleacetamide inhibitors of hepatitis C virus NS5B polymerase)

RN 848485-35-8 CAPLUS
CN 1H-Indole-6-carboxylic acid, 3-cyclohexyl-2-phenyl-1-(phenylmethyl)- (CA INDEX NAME)



RN 848485-36-9 CAPLUS
CN 1H-Indole-6-carboxylic acid, 3-cyclohexyl-2-phenyl-1-(phenylsulfonyl)- (CA INDEX NAME)



RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 11 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:857606 CAPLUS <<LOGINID::20080222>>
DN 141:350034
TI Preparation of indole acetamides as inhibitors of the hepatitis c virus NS5B polymerase
IN Avolio, Salvatore; Di Filippo, Marcello; Harper, Steven; Narjes, Frank; Pacini, Barbara; Pompei, Marco; Rowley, Michael; Stansfield, Ian
PA Istituto Di Ricerche Di Biologia Molecolare P Angeletti Spa, Italy
SO PCT Int. Appl., 126 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004087714	A1	20041014	WO 2004-GB1437	20040402

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU	2004226144	A1	20041014	AU 2004-226144	20040402
CA	2520896	A1	20041014	CA 2004-2520896	20040402
EP	1613634	A1	20060111	EP 2004-725422	20040402
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP	2007516158	T	20070621	JP 2006-506078	20040402
IN	2005DN04494	A	20070824	IN 2005-DN4494	20051004
US	2007167447	A1	20070719	US 2006-551564	20060605
PRAI GB	2003-7891	A	20030404		
	WO 2004-GB1437	W	20040402		

OS MARPAT 141:350034

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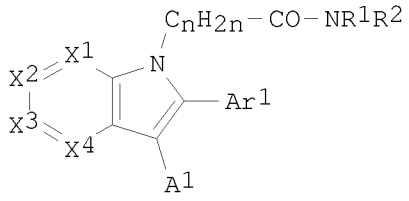
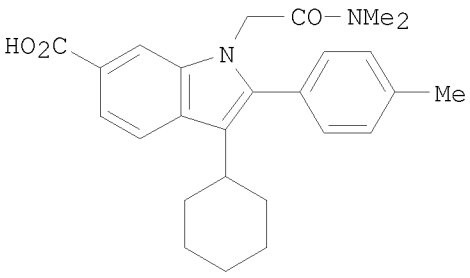


I



II

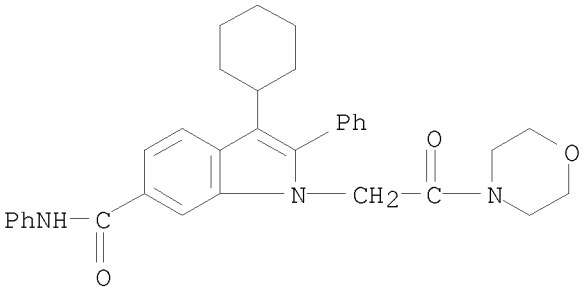
AB Title compds. represented by the formula I [wherein Ar1 = (un)substituted heteroaryl; A1 = (un)substituted alkyl, alkenyl, non-aromatic (bi)cyclic ring; R1, R2 = independently H, alkyl, alkenyl, alkynyl, etc.; n = 1-4; X1-X4 = N or (un)substituted carbon; and pharmaceutically acceptable salts thereof] were prepared as inhibitors of the hepatitis c virus (HCV) NS5B polymerase. For example, II was given in a multi-step synthesis starting from the reaction of Me 1H-indole-6-carboxylate with 3-bromocyclohex-1-ene. I were tested for inhibitory activity against the HCV RNA dependent RNA polymerase (NS5B) in an enzyme inhibition assay with IC50 below 5μM in the enzyme assay and EC50 below 20 pM in the cell based assay. Thus, I and their pharmaceutical compns. are useful as inhibitors of the hepatitis c virus NS5B polymerase for the prevention and treatment of hepatitis C

infections.

IT 774213-18-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of indole acetamides as inhibitors of hepatitis c virus NS5B polymerase)

RN 774213-18-2 CAPLUS

CN 1H-Indole-6-carboxamide, 3-cyclohexyl-1-[2-(4-morpholinyl)-2-oxoethyl]-N,2-diphenyl- (CA INDEX NAME)



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:27677 CAPLUS <<LOGINID::20080222>>

DN 138:401864

TI Functionalized palladium(II) cyclometalated complexes. Crystal and molecular structures of [Pd{3-(CHO)C6H3C(H):NCy}(μ-O2CMe)]2 and [Pd{3-(CHO)C6H3C(H):NCy}(Cl)(PR3)] (PR3 = PEtPh2, and PEt2Ph)

AU Vila, Jose M.; Alberdi, Gemma; Pereira, Ma Teresa; Marino, Marta; Fernandez, Alberto; Lopez-Torres, Margarita; Ares, Raquel

CS Departamento de Quimica Inorganica, Universidad de Santiago de Compostela, Santiago de Compostela, E-15782, Spain

SO Polyhedron (2003), 22(2), 241-246
CODEN: PLYHDE; ISSN: 0277-5387

PB Elsevier Science Ltd.

DT Journal

LA English

OS CASREACT 138:401864

AB The crystal structure of the cyclometalated acetato-bridged complex [Pd{3-(CHO)C6H3C(H):NCy}(μ-O2CMe)]2, 1 is reported. Each palladium atom is C,N-bonded to the chelating Schiff base ligand. The mol. configuration corresponds to the anti isomer, with the cyclopalladated moieties in an open-book' disposition. Treatment of 1 with aqueous sodium chloride gave the chloro-bridged compound 2, which when treated with tertiary phosphines yielded complexes 3 and 4. The crystal structures of complexes [Pd{3-(CHO)C6H3C(H):NCy}(Cl)(PR3)] (PR3 = PEtPh2, 3 and PEt2Ph, 4) are also reported. In both complexes the palladium atom is bonded in a slightly distorted square-planar coordination to a carbon and a nitrogen atom of the Schiff base, a chlorine atom and to the phosphorus atom of the phosphine ligand. The reaction of the chloro-bridged complex 2 with the tertiary diphosphines Ph2PCH2PPh2 (dppm) and Ph2P(CH2)2PPh2 (dppe) in a 1:2 molar ratio, and ammonium hexafluorophosphate, yielded the mononuclear cyclometalated complexes [Pd{3-(CHO)C6H3C(H):NCy}{Ph2PCH2PPh2-P,P}][PF6], 5 and [Pd{3-(CHO)C6H3C(H):N-Cy}{Ph2P(CH2)2PPh2-P,P}][PF6], 6, resp.

IT 529484-76-2P

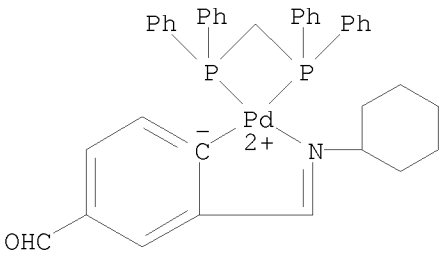
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation, crystal, and mol. structures of functionalized palladium cyclometalated cyclohexylimino formylphenyl Schiff base complexes)

RN 529484-76-2 CAPLUS

CN Palladium(1+), [2-[(cyclohexylimino)methyl]-4-formylphenyl-κC][methylenebis[diphenylphosphine-κP]]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

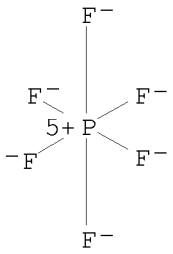
CM 1

CRN 529484-75-1
CMF C39 H38 N O P2 Pd
CCI CCS



CM 2

CRN 16919-18-9
CMF F6 P
CCI CCS



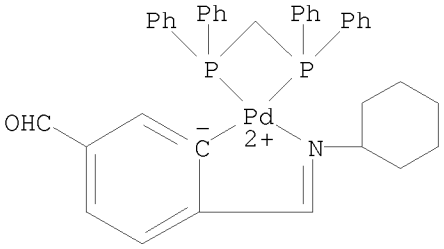
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:838393 CAPLUS <<LOGINID::20080222>>
DN 138:187902
TI Cyclopalladated compounds with bridging and chelating diphosphine ligands. Effect of ring size. Crystal and molecular structure of [{Pd[4-(COH)C6H3C(H):N(Cy)-C2,N](Cl)}2(μ-Ph2PCH2PPh2)]
AU Ares, Raquel; Lopez-Torres, Margarita; Fernandez, Alberto; Castro-Juiz, Samuel; Suarez, Antonio; Alberdi, Gemma; Fernandez, Jesus J.; Vila, Jose M.
CS Departamento de Quimica Fundamental, Universidad de A Coruna, Coruna, 15071 A, Spain

SO Polyhedron (2002), 21(22), 2309-2315
CODEN: PLYHDE; ISSN: 0277-5387
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 138:187902
AB Treatment of the chloro-bridged dinuclear compound [{Pd[4-(OHC)C6H3C(H):N(Cy)-C2,N]}(μ-Cl)]2 (1) with tertiary diphosphines in 1:1 molar ratio gave [{Pd[4-(OHC)C6H3C(H):N(Cy)-C2,N](Cl)}2(μ-Ph2PXPPh2)] (X: CH2, 2; CH2CH2, 3; (CH2)4, 4; (CH2)6, 5; 1,1'-Fe(C5H4)2, 6; trans-CH:CH, 7; C.tplbond.C, 8) with the diphosphine in a bridging mode. When the reaction was carried out in a 1:2 molar ratio in the presence of NH4PF6, the compds. [Pd{4-(OHC)C6H3C(H):NCy-C2,N}(Ph2PX1PPh2-P,P)][PF6] (X1: CH2, 9; CH2CH2, 10; (CH2)4, 11; (CH2)6, 12; 1,1'-Fe(C5H4)2, 13; 1,2-C6H4, 14; cis-CH:CH, 15; NH, 16) with the diphosphine chelated to the palladium atom, were obtained. The prepared compds. were characterized with their 1H, 31P-{1H} and 13C-{1H} NMR, IR and mass spectroscopic data. The crystal structure of compound 2 has been determined by x-ray crystallog.
IT 499135-84-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of palladium cyclometalated Schiff base complexes with chelating and bridging diphosphines)
RN 499135-84-1 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-5-formylphenyl-κC][methylenebis[diphenylphosphine-κP]]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

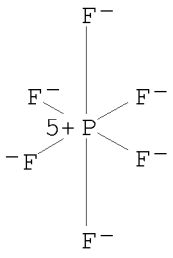
CM 1

CRN 499135-83-0
CMF C39 H38 N O P2 Pd
CCI CCS



CM 2

CRN 16919-18-9
CMF F6 P
CCI CCS



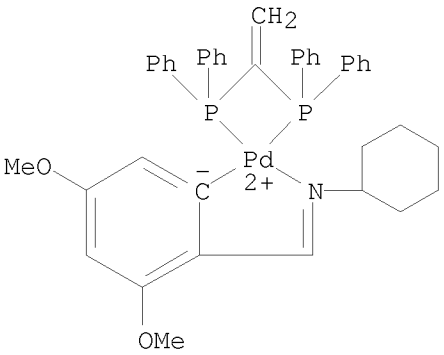
RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 14 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:722193 CAPLUS <<LOGINID::20080222>>
DN 138:153639
TI Nucleophilic addition of 1,3-dicarbonyl compounds as a route to functionalized cyclopalladated complexes with chelated 1,1-bis(diphenylphosphino)ethene
AU Mosteiro, Roberto; Fernandez, Alberto; Lopez-Torres, Margarita; Vazquez-Garcia, Digna; Suarez, Antonio; Fernandez, Jesus J.; Vila, Jose M.
CS Departamento de Quimica Fundamental, Universidad de A Coruna, Coruna, 15071 A, Spain
SO New Journal of Chemistry (2002), 26(10), 1425-1432
CODEN: NJCHE5; ISSN: 1144-0546
PB Royal Society of Chemistry
DT Journal
LA English
OS CASREACT 138:153639
AB Cyclopalladated complex of 2,4-dimethoxybenzaldehyde N-cyclohexylimine, [[(2-CyN:CH-3,5-(MeO)2C6H2)-N,C]Pd(μ-OAc)]2 ([[L-N,C]Pd(μ-OAc)]2) was treated subsequently with NaCl and CH2:C(PPh2)2 (vdpp) to give [(L-N,C)Pd(vdpp)]X (2, X = PF6, 3, X = ClO4) with chelating vdpp ligand, which was confirmed by x-ray crystallog. of 2. 1,3-Diketones R1COCHR2COR3 (R1 = R3 = Me, R2 = H, Cl, Et; R2 = H, R3 = Me, R1 = CF3, 2-furanyl; R2 = H, R3 = CF3, R1 = 2-thienyl) undergo addition reaction with coordinated vdpp ligand in the presence of Na2CO3 to give corresponding [(L-N,C)Pd[(PPh2)2CHCH2CR2(COR1)(COR3)]]X. In similar conditions, β-ketoesters R4CH2COCHR5CO2R (R = Me or Et; R5 = H, R4 = H, Me, Cl; R4 = H, R5 = Me, Cl) were reacted with complexes 2 and 3, giving addition products [(L-N,C)Pd[(PPh2)2CHCH2CR5(COR4)(CO2R)]]X. Addition of di-Et malonate requires prolonged reaction times. The structure of Et propionylacetate addition product, [(L-N,C)Pd[(PPh2)2CHCH2CH(COEt)(CO2Et)]]PF6, was determined by x-ray crystallog.
IT 494831-09-3P
RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(crystal structure, nucleophilic addition; preparation and structure of products of Michael addition reaction of coordinated vinylidenebis(diphenylphosphine) ligand with dicarbonyl compds. in cyclometalated palladium Schiff base complexes)
RN 494831-09-3 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][ethenylidenebis[diphenylphosphine-κP]]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

CM 1

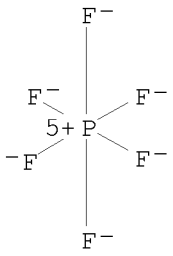
CRN 494831-08-2

CMF C41 H42 N O2 P2 Pd
CCI CCS



CM 2

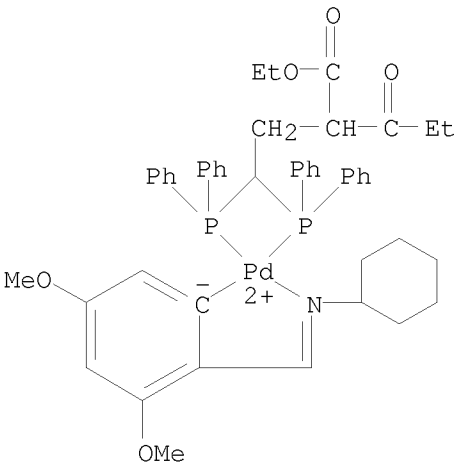
CRN 16919-18-9
CMF F6 P
CCI CCS



IT 494831-24-2P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(crystal structure; preparation and structure of products of Michael addition
reaction of coordinated vinylidenebis(diphenylphosphine) ligand with dicarbonyl compds. in cyclometalated palladium Schiff base complexes)
RN 494831-24-2 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][ethyl (2S)-2-[2,2-bis(diphenylphosphino-κP)ethyl]-3-oxopentanoate]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

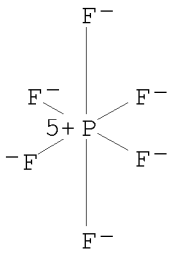
CM 1

CRN 494831-23-1
CMF C48 H54 N O5 P2 Pd
CCI CCS



CM 2

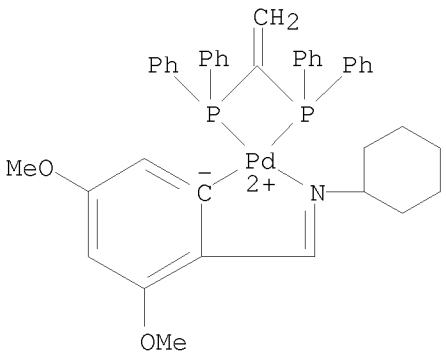
CRN 16919-18-9
CMF F6 P
CCI CCS



IT 494831-11-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(nucleophilic addition; preparation and structure of products of Michael addition
reaction of coordinated vinylidenebis(diphenylphosphine) ligand with dicarbonyl compds. in cyclometalated palladium Schiff base complexes)
RN 494831-11-7 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][ethenylidenebis[diphenylphosphine-κP]]-, (SP-4-3)-, perchlorate (9CI) (CA INDEX NAME)

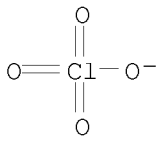
CM 1

CRN 494831-08-2
CMF C41 H42 N O2 P2 Pd
CCI CCS



CM 2

CRN 14797-73-0
CMF Cl O4

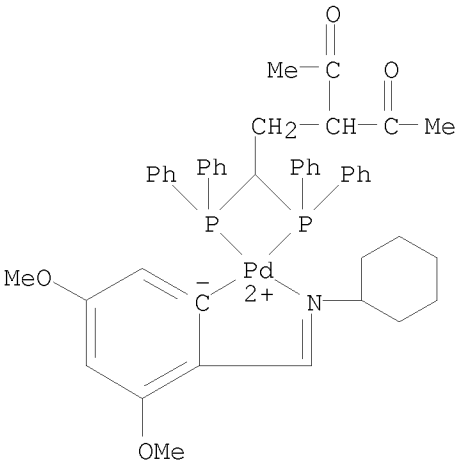


IT 494831-14-0P 494831-17-3P 494831-20-8P
494831-27-5P 494831-30-0P 494831-33-3P
494831-36-6P 494831-39-9P 494831-42-4P
494831-45-7P 494831-48-0P 494831-50-4P
494831-53-7P 495394-15-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and structure of products of Michael addition reaction of coordinated vinylidenebis(diphenylphosphine) ligand with dicarbonyl compds. in cyclometalated palladium Schiff base complexes)

RN 494831-14-0 CAPLUS
CN Palladium(1+), [3-[2,2-bis(diphenylphosphino-κP)ethyl]-2,4-pentanedione][2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

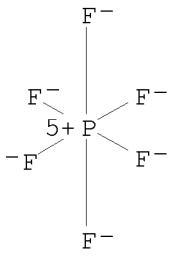
CM 1

CRN 494831-13-9
CMF C46 H50 N O4 P2 Pd
CCI CCS



CM 2

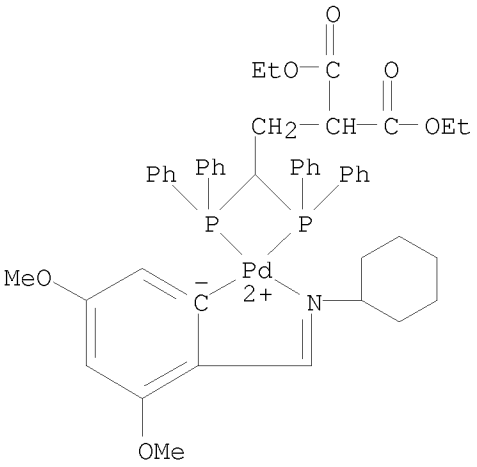
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 494831-17-3 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][diethyl [2,2-bis(diphenylphosphino-κP)ethyl]propanedioate]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

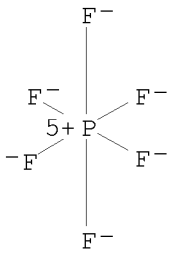
CM 1

CRN 494831-16-2
CMF C48 H54 N O6 P2 Pd
CCI CCS



CM 2

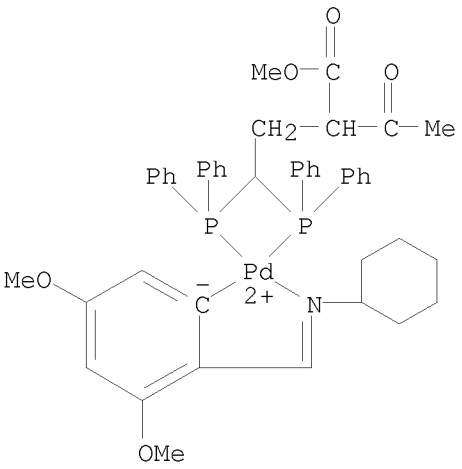
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 494831-20-8 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][methyl 2-acetyl-4,4-bis(diphenylphosphino-κP)butanoate]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

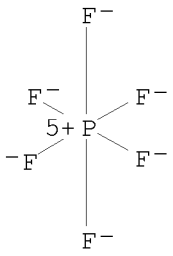
CM 1

CRN 494831-19-5
CMF C46 H50 N O5 P2 Pd
CCI CCS



CM 2

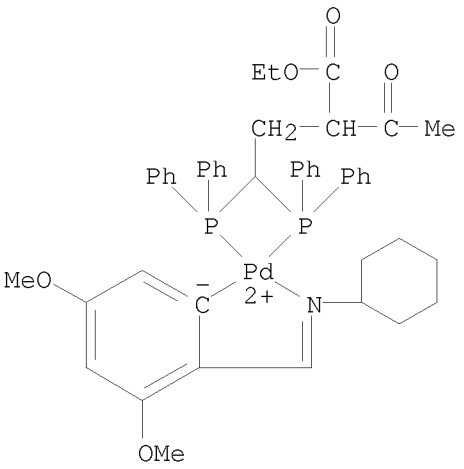
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 494831-27-5 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][ethyl 2-acetyl-4,4-bis(diphenylphosphino-κP)butanoate]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

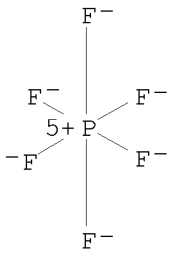
CM 1

CRN 494831-26-4
CMF C47 H52 N O5 P2 Pd
CCI CCS



CM 2

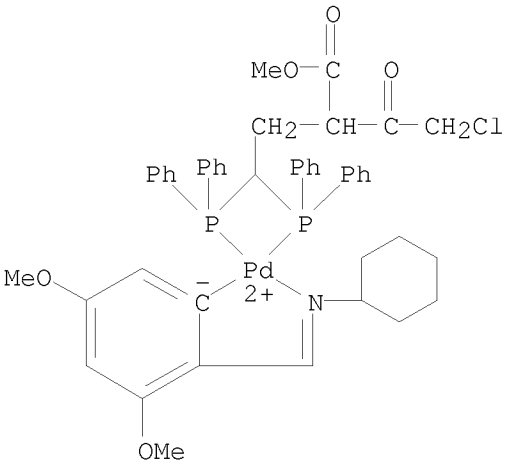
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 494831-30-0 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][methyl 2-[2,2-bis(diphenylphosphino-κP)ethyl]-4-chloro-3-oxobutanoate]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

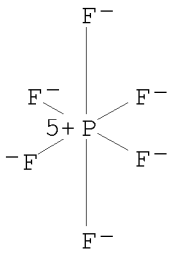
CM 1

CRN 494831-29-7
CMF C46 H49 Cl N O5 P2 Pd
CCI CCS



CM 2

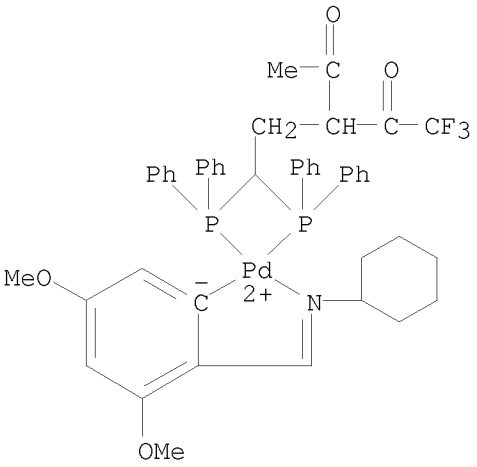
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 494831-33-3 CAPLUS
CN Palladium(1+), [3-[2,2-bis(diphenylphosphino-κP)ethyl]-1,1,1-trifluoro-2,4-pentanedione][2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

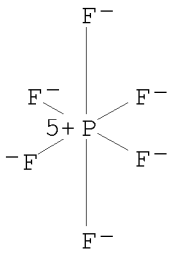
CM 1

CRN 494831-32-2
CMF C46 H47 F3 N O4 P2 Pd
CCI CCS



CM 2

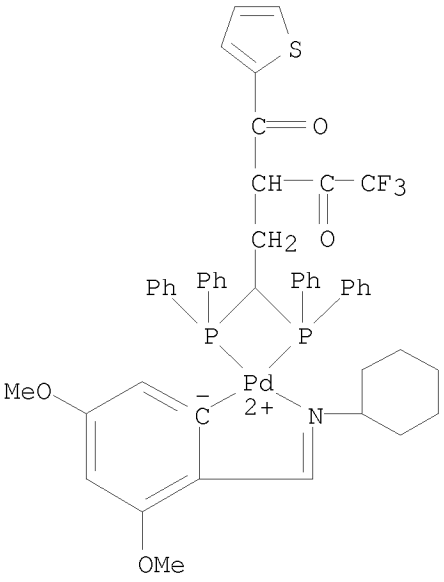
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 494831-36-6 CAPLUS
CN Palladium(1+), [2-[2,2-bis(diphenylphosphino-κP)ethyl]-4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedione][2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

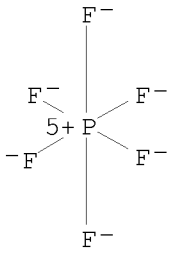
CM 1

CRN 494831-35-5
CMF C49 H47 F3 N O4 P2 Pd S
CCI CCS



CM 2

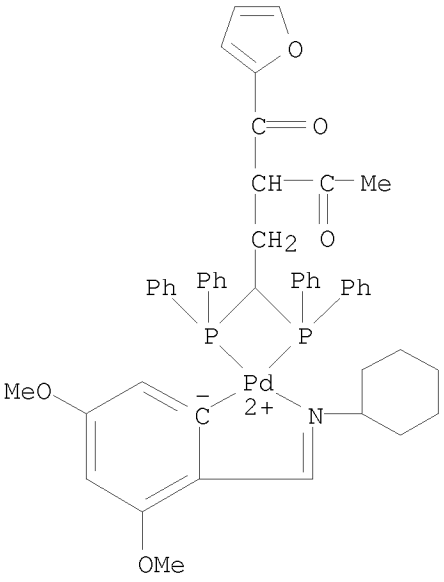
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 494831-39-9 CAPLUS
CN Palladium(1+), [2-[2,2-bis(diphenylphosphino-κP)ethyl]-1-(2-furanyl)-1,3-butanedione][2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

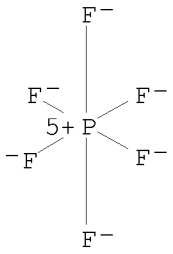
CM 1

CRN 494831-38-8
CMF C49 H50 N O5 P2 Pd
CCI CCS



CM 2

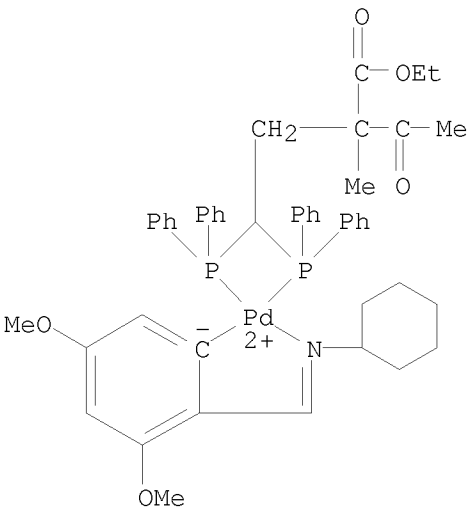
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 494831-42-4 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][ethyl 2-acetyl-4,4-bis(diphenylphosphino-κP)-2-methylbutanoate]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

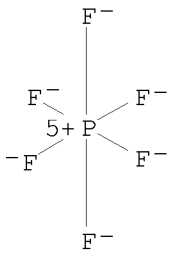
CM 1

CRN 494831-41-3
CMF C48 H54 N O5 P2 Pd
CCI CCS



CM 2

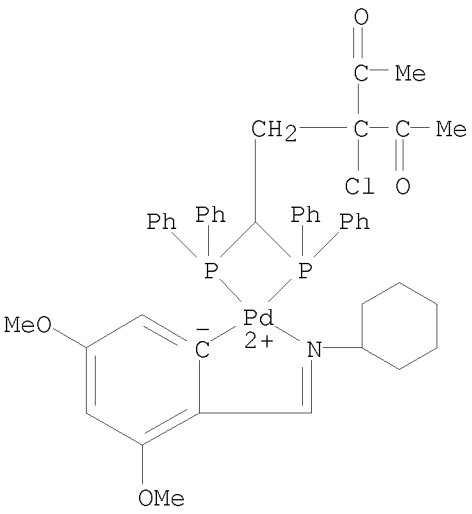
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 494831-45-7 CAPLUS
CN Palladium(1+), [3-[2,2-bis(diphenylphosphino-κP)ethyl]-3-chloro-2,4-pentanedione][2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

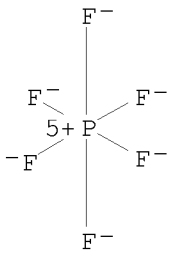
CM 1

CRN 494831-44-6
CMF C46 H49 Cl N O4 P2 Pd
CCI CCS



CM 2

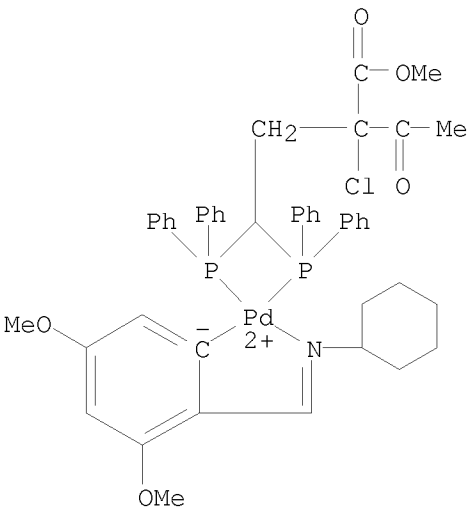
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 494831-48-0 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][methyl 2-acetyl-2-chloro-4,4-bis(diphenylphosphino-κP)butanoate]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

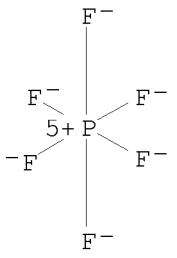
CM 1

CRN 494831-47-9
CMF C46 H49 Cl N O5 P2 Pd
CCI CCS



CM 2

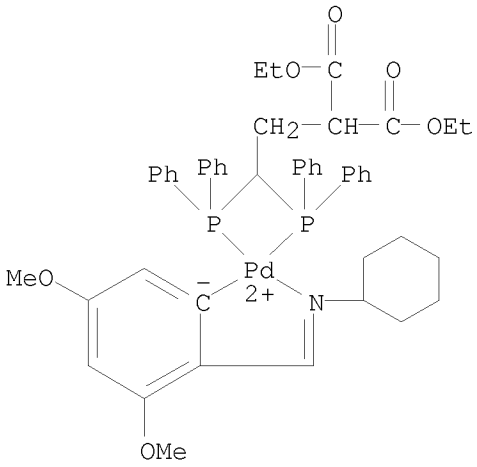
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 494831-50-4 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][diethyl [2,2-bis(diphenylphosphino-κP)ethyl]propanedioate]-, (SP-4-3)-, perchlorate (9CI) (CA INDEX NAME)

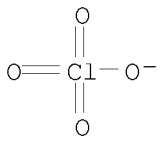
CM 1

CRN 494831-16-2
CMF C48 H54 N O6 P2 Pd
CCI CCS



CM 2

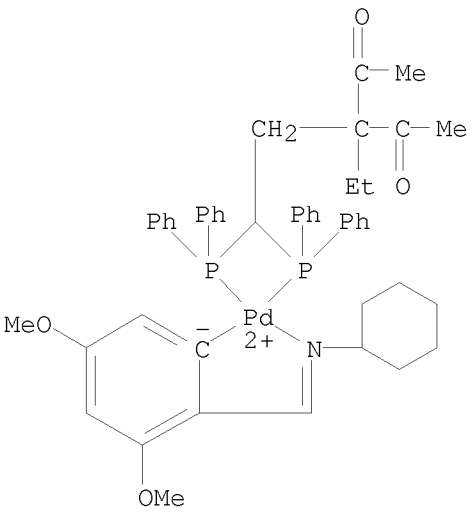
CRN 14797-73-0
CMF Cl O4



RN 494831-53-7 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][methyl 2-acetyl-4,4-bis(diphenylphosphino-κP)-2-ethylbutanoate]-, (SP-4-3)-, perchlorate (9CI) (CA INDEX NAME)

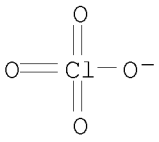
CM 1

CRN 494831-52-6
CMF C48 H54 N O4 P2 Pd
CCI CCS



CM 2

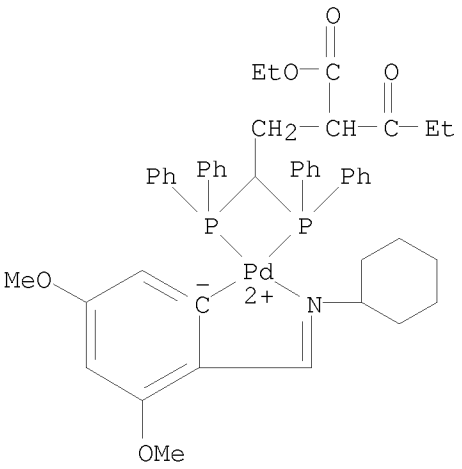
CRN 14797-73-0
CMF Cl O4



RN 495394-15-5 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino-κN)methyl]-3,5-dimethoxyphenyl-κC][ethyl (2R)-2-[2,2-bis(diphenylphosphino-κP)ethyl]-3-oxopentanoate]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

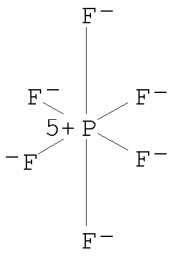
CM 1

CRN 495394-14-4
CMF C48 H54 N O5 P2 Pd
CCI CCS



CM 2

CRN 16919-18-9
CMF F6 P
CCI CCS



RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

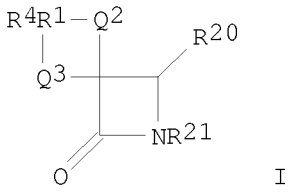
L6 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:1306 CAPLUS <<LOGINID::20080222>>
DN 128:75291
TI Preparation of spirocycloalkylazetidinones as hypocholesterolemic agents.
IN Dugar, Sundeep; Clader, John W.; Burnett, Duane A.
PA Schering Corp., USA
SO U.S., 23 pp., Cont.-in-part of U.S. Ser. No. 6,439, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5698548	A	19971216	US 1995-449980	19950525
	LT 3595	B	19951227	LT 1994-1764	19940113
	ZA 9400386	A	19940719	ZA 1994-386	19940119
	CA 2154257	A1	19940804	CA 1994-2154257	19940119
	CA 2154257	C	19990525		
	CN 1118163	A	19960306	CN 1994-191245	19940119

	HU 72592	A2	19960528	HU 1995-2194	19940119
	ES 2155849	T3	20010601	ES 1994-907200	19940119
	PT 681569	T	20010629	PT 1994-907200	19940119
PRAI	US 1993-6439	B2	19930121		

OS MARPAT 128:75291

GI



I

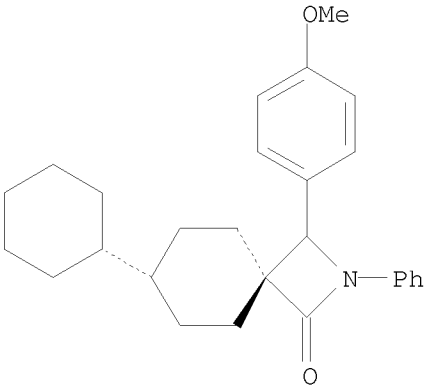
AB Title compds. [I; Q2 = (R2)v; Q3 = (R3)u; R1 = CH, CF, C(OH), CPh, N, NO, etc.; R2, R3 = CH2, CH(alkyl), C(alkyl)2, CH:CH, etc.; R1R2 or R1R3 = C:CH, C:C(alkyl); u, v = 0-3, provided both are not 0; R4 = B(CH2)mC(O), B(CH2)q, B(CH2)eZ(CH2)r, B(alkenylene), B'(alkadienylene), B(CH2)tZ(alkenylene), B(CH2)fV(CH2)g, B(CH2)tV(alkenylene), B'(alkenylene)V(CH2)t, B(CH2)aZ(CH2)bV(CH2)d, T(CH2)s; B = (substituted) Ph, indanyl, indenyl, naphthyl, tetrahydronaphthyl, heteroaryl; B' = undefined; T = cycloalkyl; V = cycloalkylene; Z = O, CO, phenylene, NR8, S(O)0-2; a, b, d = 0-6; a + b + d = 0-6; m = 0-5; q = 0-6; e, r = 0-5; e + r = 0-6; t = 0-3; t + the number of carbon atoms in the alkenylene chain = 2-6; s = 0-6; f = 1-5, g = 0-5; f + g = 1-6; R1R4 = BCH:C; R8 = H, alkyl; R20, R21 = (substituted) Ph, naphthyl, indanyl, indenyl, tetrahydronaphthyl, benzodioxolyl, heteroaryl, benzoheteroaryl, cyclopropyl, etc.], were prepared Thus, 4-(4-chlorophenyl)cyclohexanecarboxylic acid (preparation given) was refluxed with (COCl)2 in CH2Cl2 and the resultant acid chloride was refluxed with N-(4-methoxybenzylidene)anisidine and Et3N in CH2Cl2 to give diastereomeric 2,3-bis(4-methoxyphenyl)-7-(4-chlorophenyl)-2-azaspiro[3.5]nonan-1-one (II). A II diastereomer at 50 mpk orally gave 89% reduction in cholesterol esters in hamsters.

IT 165317-64-6P 165317-65-7P 200570-52-1P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of spirocycloalkylazetidinones as hypocholesterolemic agents)

RN 165317-64-6 CAPLUS

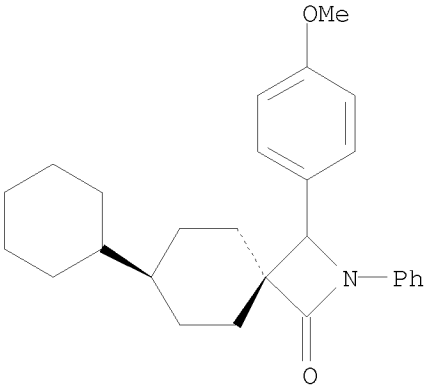
CN 2-Azaspiro[3.5]nonan-1-one, 7-cyclohexyl-3-(4-methoxyphenyl)-2-phenyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

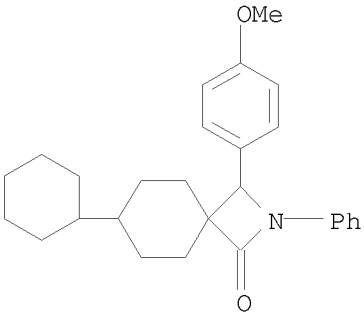


RN 165317-65-7 CAPLUS
CN 2-Azaspiro[3.5]nonan-1-one, 7-cyclohexyl-3-(4-methoxyphenyl)-2-phenyl-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

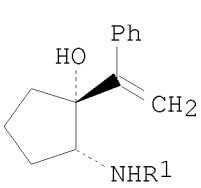


RN 200570-52-1 CAPLUS
CN 2-Azaspiro[3.5]nonan-1-one, 7-cyclohexyl-3-(4-methoxyphenyl)-2-phenyl- (CA INDEX NAME)

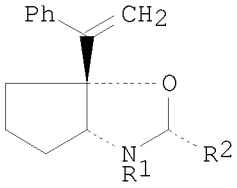


L6 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

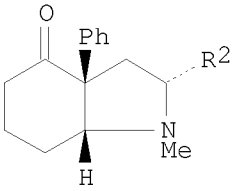
AN 1997:546765 CAPLUS <<LOGINID::20080222>>
DN 127:234231
TI Controlling stereoselection in aza-Cope-Mannich reactions
AU Overman, Larry E.; Trenkle, William C.
CS Department of Chemistry, University of California, Irvine, CA, 92697-2025, USA
SO Israel Journal of Chemistry (1997), 37(1), 23-30
CODEN: ISJCAT; ISSN: 0021-2148
PB Laser Pages Publishing
DT Journal
LA English
OS CASREACT 127:234231
GI



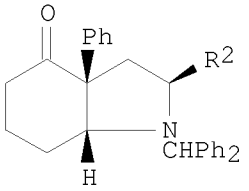
I



II



III

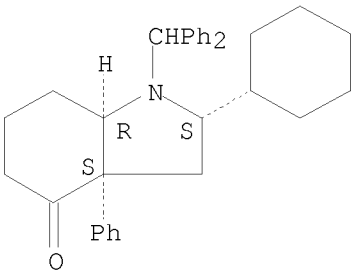


IV

AB The synthesis of 2-substituted cis-octahydroindolones from the reaction of cis-2-amino-1-alkenylcyclopentanols with aldehydes was studied to examine whether stereoselection in the aza-Cope-Mannich reaction could be controlled by the nature of the nitrogen substituent. 2-Alkylamino-1-(1-phenylethenyl)cyclopentanols I (R1 = Me, CHPh2) were condensed with four aldehydes R2CHO (R2 = Me, CHMe2, cyclohexyl, Ph) to give oxazolidines II. Rearrangement of these intermediates at 23-60 °C, in the presence of 0.9 equiv of (±)-10-camphorsulfonic acid in acetonitrile, gave cis-octahydroindolones III and IV in yields of 77-95%. Using a combination of single-crystal X-ray crystallog., 1H NOE measurements, and comparisons with known materials it was established that the N-Me oxazolidines I (R1 = Me) provided exclusively cis-octahydroindolones having the 2-substituent trans to the angular substituents, while N-benzhydryl analogs provided exclusively the all-cis products. These results are interpreted to mean: (1) when the nitrogen substituent is small (Me), the stereochem.-determining [3,3]-sigmatropic rearrangement occurs preferentially through a transition-state topog. having the R2 substituent oriented quasi-equatorially (14→ 15 → 16); (2) when this substituent is large (CHPh2), destabilizing steric interactions between the vicinal R1 and R2 substituents causes the rearrangement to occur preferentially through the alternate iminium ion stereoisomer (17 → 18 → 19).
IT 195256-04-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(stereoselection in aza-Cope-Mannich reactions of aminoalkenylcyclopentanols)
RN 195256-04-3 CAPLUS

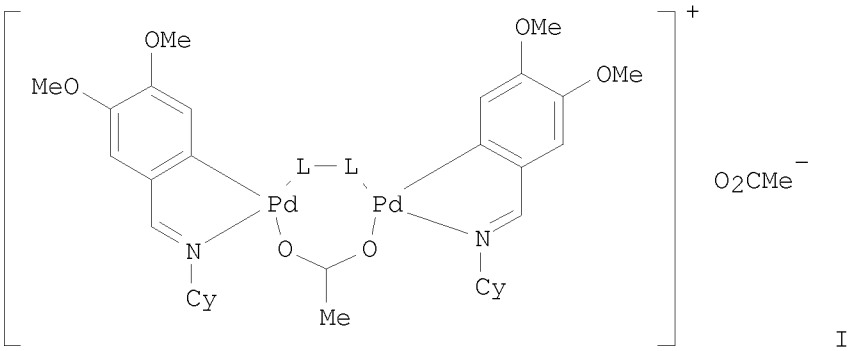
CN 4H-Indol-4-one, 2-cyclohexyl-1-(diphenylmethyl)octahydro-3a-phenyl-, (2α,3aα,7aα)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1996:423903 CAPLUS <<LOGINID::20080222>>
DN 125:195934
TI Cyclometalated palladium(II) complexes with Schiff bases and the diphosphines Ph2PCH2PPh2 (dppm) and Ph2PC(:CH2)PPh2 (vdpp)
AU Fernandez, J. J.; Gayoso, M.; Vila, J. M.; Pereira, M. T.; Suarez, A.; Ortigueira, J. M.; Fernandez, A.; Lopez, M.
CS Dep. Quimica Inorganica, Facultad Quimica, Univ. Santiago de Compostela, Santiago de Compostela, Spain
SO Anales de Quimica (1995), 91(5-6), 343-350
CODEN: ANQUEX; ISSN: 1130-2283
PB Real Sociedad Espanola de Quimica
DT Journal
LA Spanish
GI



I

AB The synthesis and characterization of cyclometallated complexes of Pd(II) with N-(2,4-dimethoxybenzylidene)cyclohexylamine and the diphosphines Ph2PCH2PPh2 (dppm) and Ph2PC(:CH2)PPh2 (vdpp), [cyclic] [{Pd(3,4-(MeO)2C6H2C(H)NCy)}2(μ-L-L)(μ-O2CMe)](O2CMe), e.g. I, [cyclic] [{Pd(3,4-(MeO)2C6H2C(H):NCy)}2(μ-L-L)(μ-X)](X) and [cyclic] [Pd(3,4-(MeO)2C6H2C(H):NCy)(L-L-P,P)](Y) [L-L = Ph2PCH2PPh2 (dppm),

Ph2PC(:CH2)PPh2 (vdpp), X = Cl, Br, Y = PF6-, ClO4-] are described. All the compds. obtained have been characterized by elemental anal. (C, H, N) and by IR, 1H and 31P-{1H} NMR spectroscopy.

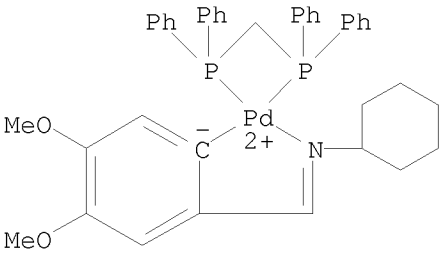
IT 180715-28-0P 180715-30-4P 180715-33-7P
180715-35-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 180715-28-0 CAPLUS

CN Palladium(1+), [2-[(cyclohexylimino)methyl]-4,5-dimethoxyphenyl-C,N][methylenebis[diphenylphosphine]-P,P]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

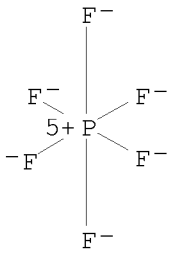
CM 1

CRN 180715-27-9
CMF C40 H42 N O2 P2 Pd
CCI CCS



CM 2

CRN 16919-18-9
CMF F6 P
CCI CCS

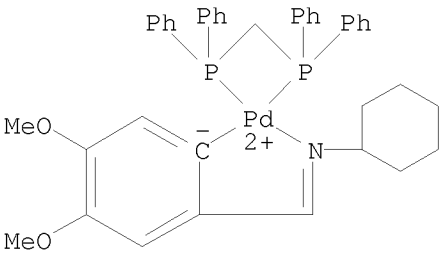


RN 180715-30-4 CAPLUS

CN Palladium(1+), [2-[(cyclohexylimino)methyl]-4,5-dimethoxyphenyl-C,N][methylenebis[diphenylphosphine]-P,P]-, (SP-4-3)-, perchlorate (9CI) (CA INDEX NAME)

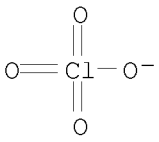
CM 1

CRN 180715-27-9
CMF C40 H42 N O2 P2 Pd
CCI CCS



CM 2

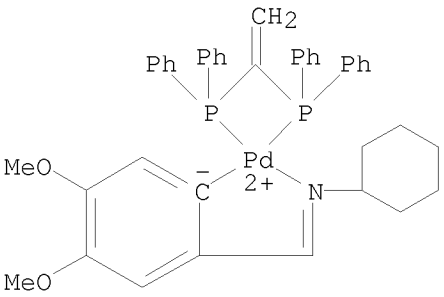
CRN 14797-73-0
CMF Cl O4



RN 180715-33-7 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino)methyl]-4,5-dimethoxyphenyl-C,N][ethenylidenebis[diphenylphosphine]-P,P]-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

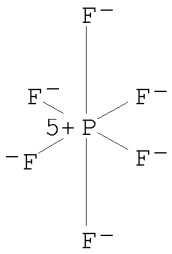
CM 1

CRN 180715-32-6
CMF C41 H42 N O2 P2 Pd
CCI CCS



CM 2

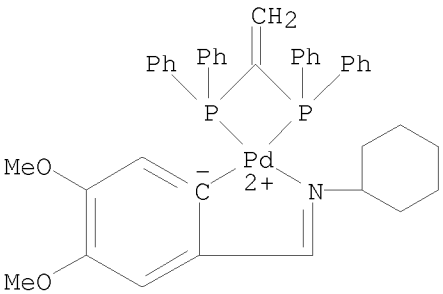
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 180715-35-9 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino)methyl]-4,5-dimethoxyphenyl-C,N][ethenylidenebis[diphenylphosphine]-P,P]-, (SP-4-3)-, perchlorate (9CI) (CA INDEX NAME)

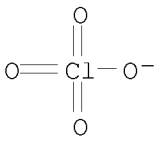
CM 1

CRN 180715-32-6
CMF C41 H42 N O2 P2 Pd
CCI CCS



CM 2

CRN 14797-73-0
CMF Cl O4



L6 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1995:695867 CAPLUS <<LOGINID::20080222>>
DN 123:83220
TI Spirocycloalkyl-substituted azetidinones useful as hypocholesterolemic agents
IN Dugar, Sundeep; Clader, John W.; Burnett, Duane A.; Browne, Margaret E.; Davis, Harry R.

PA Schering Corp., USA
SO PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9417038	A1	19940804	WO 1994-US421	19940119
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	LT 3595	B	19951227	LT 1994-1764	19940113
	ZA 9400386	A	19940719	ZA 1994-386	19940119
	CA 2154257	A1	19940804	CA 1994-2154257	19940119
	CA 2154257	C	19990525		
	AU 9460872	A	19940815	AU 1994-60872	19940119
	AU 683048	B2	19971030		
	EP 681569	A1	19951115	EP 1994-907200	19940119
	EP 681569	B1	20010321		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 08501110	T	19960206	JP 1994-517083	19940119
	CN 1118163	A	19960306	CN 1994-191245	19940119
	HU 72592	A2	19960528	HU 1995-2194	19940119
	AT 199899	T	20010415	AT 1994-907200	19940119
	ES 2155849	T3	20010601	ES 1994-907200	19940119
	PT 681569	T	20010629	PT 1994-907200	19940119
	FI 9503497	A	19950720	FI 1995-3497	19950720
	NO 9502884	A	19950920	NO 1995-2884	19950720
	GR 3035963	T3	20010831	GR 2001-400814	20010531
PRAI	US 1993-6439	A	19930121		
	WO 1994-US421	W	19940119		

OS MARPAT 123:83220
GI

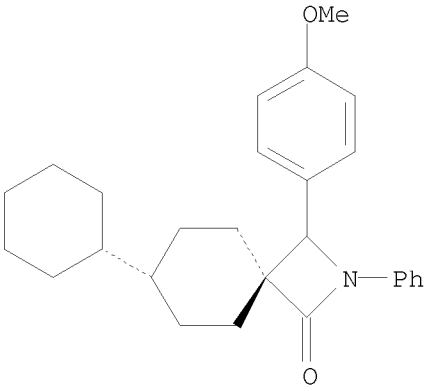
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Spirocyclic azetidinones I (m,n = integer; R4, R20, R21 = substituent) were disclosed. I were claimed as antiatherosclerotics, anticholesteremics, HMG CoA reductase inhibitors and squalene epoxidase inhibitors. Claimed example compds. are 7-(4-chlorophenyl)-1,3-bis(4-methoxyphenyl)-2-azaspiro[3.5]nonan-1-one (II) and 1,6-diphenyl-2-(4-methoxyphenyl)-2-azaspiro[3.3]heptan-1-one (III).

IT 165317-64-6P 165317-65-7P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of, as HMG CoA reductase inhibitor/ squalene epoxidase inhibitor)

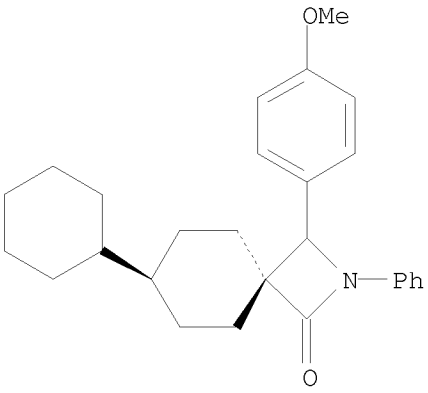
RN 165317-64-6 CAPLUS
CN 2-Azaspiro[3.5]nonan-1-one, 7-cyclohexyl-3-(4-methoxyphenyl)-2-phenyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 165317-65-7 CAPLUS
CN 2-Azaspiro[3.5]nonan-1-one, 7-cyclohexyl-3-(4-methoxyphenyl)-2-phenyl-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

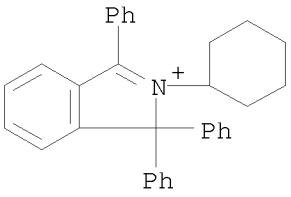


L6 ANSWER 19 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1995:442108 CAPLUS <<LOGINID::20080222>>
DN 123:197978
TI On the reaction of α-chlorocarbenium ions with sulfinylamines
AU Voges, Andre; Hamed, Atef; El-Badry, Amal Ahmed; Ismail, Abdel-Hamid; Jochims, Johannes C.
CS Fac. Chem., Univ. Konstanz, Konstanz, D-78434, Germany
SO Synthesis (1995), (3), 253-60
CODEN: SYNTBF; ISSN: 0039-7881
PB Thieme
DT Journal
LA English
OS CASREACT 123:197978
AB Aryl-, and vinyltrichloromethanes are transformed with antimony pentachloride to α,α-dichlorocarbenium salts , which react with sulfinylamines to afford nitrilium salts 4 in good yields. In contrast to this preparatively useful reaction, the reaction of α-monochlorocarbenium ions 8 (obtained from diaryldichloromethanes 7) with sulfinylamines 3 affords mixts. of iminium salts 10, isoindolium salts 13, and 2-azoniaallene salts 14.

IT 168005-98-9P 168006-02-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(reaction of α-chlorocarbenium ions with sulfinylamines)
RN 168005-98-9 CAPLUS
CN 1H-Isoindolium, 2-cyclohexyl-1,1,3-triphenyl-, (OC-6-11)-
hexachloroantimonate(1-) (9CI) (CA INDEX NAME)

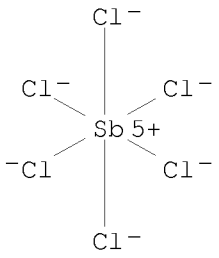
CM 1

CRN 168005-97-8
CMF C32 H30 N



CM 2

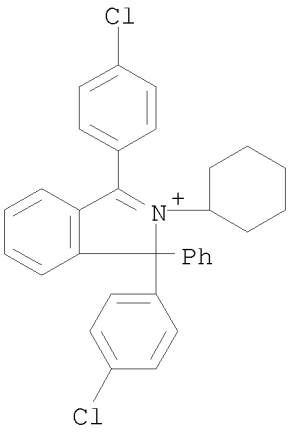
CRN 17949-89-2
CMF Cl6 Sb
CCI CCS



RN 168006-02-8 CAPLUS
CN 1H-Isoindolium, 1,3-bis(4-chlorophenyl)-2-cyclohexyl-1-phenyl-,
(OC-6-11)-hexachloroantimonate(1-) (9CI) (CA INDEX NAME)

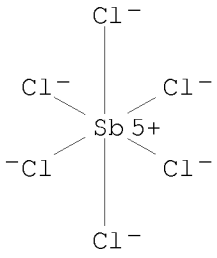
CM 1

CRN 168006-01-7
CMF C32 H28 Cl2 N



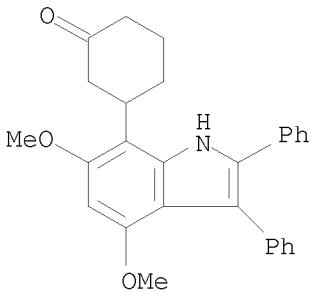
CM 2

CRN 17949-89-2
CMF Cl6 Sb
CCI CCS



L6 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1994:700715 CAPLUS <<LOGINID::20080222>>
DN 121:300715
TI Substitution, oxidation and addition reactions at C-7 of activated indoles
AU Black, David St.C.; Bowyer, Michael C.; Catalano, Maria M.; Ivory, Andrew J.; Keller, Paul A.; Kumar, Naresh; Nugent, Stephen J.
CS Sch. Chemistry, Univ. New South Wales, Sydney, 2052, Australia
SO Tetrahedron (1994), 50(35), 10497-508
CODEN: TETRAB; ISSN: 0040-4020
DT Journal
LA English
OS CASREACT 121:300715
AB 4,6-Dimethoxy-2,3-diphenylindole undergoes acylation, bromination, oxidative coupling, and acid-catalyzed addition to aldehydes at C-7 to produce a range of 7-substituted indoles, an indolo-isatin, 7,7'-biindolyls, and 7,7'-diindolylmethanes. Addition to cyclopentanone gave an indolylcyclopentene derivative, while Michael addition to α,β-unsatd. ketones gave an indolylcyclohexanone derivative and a nonbenzenoid double adduct. Related reactions led to the formation of ring-fused indoles. Some reactions of 4,6-dimethoxy-2,3-bis(methoxycarbonyl)indole are also reported.
IT 159114-67-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 159114-67-7 CAPLUS
CN Cyclohexanone, 3-(4,6-dimethoxy-2,3-diphenyl-1H-indol-7-yl)- (CA INDEX NAME)



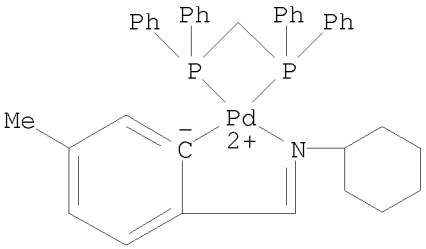
L6 ANSWER 21 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1993:449609 CAPLUS <<LOGINID::20080222>>
DN 119:49609
TI Synthesis and characterization of cyclometalated palladium(II) complexes with Ph2PCH2PPh2 (dppm), trans-Ph2PCH:CHPPh2 (trans-dppe), cis-Ph2PCH:CHPPh2 (cis-dppe) and Ph2P(CH2)4PPh2 (dppb). The x-ray crystal structure of di-μ-bromobis[N-(4-methylbenzylidene)cyclohexylaminato-C6,N]dipalladium(II)
AU Vila, J. M.; Gayoso, M.; Pereira, M. T.; Ortigueira, J. M.; Fernandez, A.; Bailey, Neil A.; Adams, Harry
CS Dep. Inorg. Chem., Univ. Santiago, Santiago de Compostela, E-15706, Spain
SO Polyhedron (1993), 12(2), 171-80
CODEN: PLYHDE; ISSN: 0277-5387
DT Journal
LA English
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Treatment of the Schiff bases 4-MeC6H4CH:NCy (Cy = cyclohexyl), 3,4-Me(MeO)C6H3CH:NC6H2Me3-2,4,6 or 2,4-Me2C6H3CH:NC6H2Me3-2,4,6 with palladium(II) acetate gave cyclometalated complexes which reacted with NaX (X = Cl, Br, iodo) to give the halide-bridged complexes, e.g., I. Reaction of the halide-bridged dimers with dppm, trans-dppe, cis-dppe or dppb gave the mononuclear or dinuclear phosphine-bridged complexes, e.g., II. The crystal structure of I was determined The structure has two asym. bridging bromine atoms and a non-bonding Pd···Pd distance of 341.8(2) pm.
IT 148532-18-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 148532-18-7 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino)methyl]-5-methylphenyl-C,N][methylenebis[diphenylphosphine]-P,P']-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

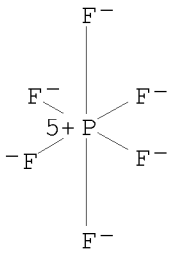
CM 1

CRN 148532-17-6
CMF C39 H40 N P2 Pd
CCI CCS



CM 2

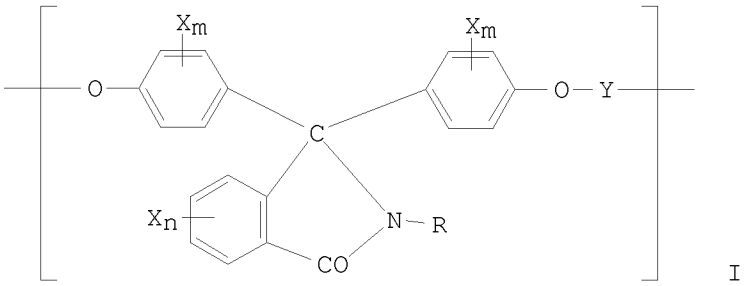
CRN 16919-18-9
CMF F6 P
CCI CCS



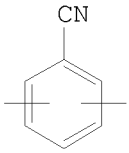
L6 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1991:666365 CAPLUS <<LOGINID::20080222>>
DN 115:266365
TI Polymeric phosphor
IN Takahashi, Kenkichi
PA Idemitsu Kosan Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03070790	A	19910326	JP 1989-206917	19890811
	JP 2820277	B2	19981105		
PRAI	JP 1989-206917		19890811		

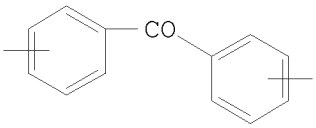
GI



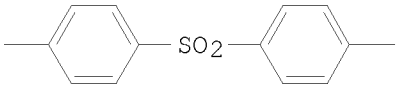
I



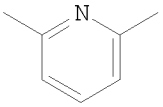
II



III



IV



V

AB A heat-resistant, bleeding-resistant phosphor consists of a polymer having a repeating unit I [R = C1-10 alkyl (optionally substituted with halogen, OH), C6-12 aryl (optionally substituted with halogen, C1-4 alkyl), C3-8 alicyclyl; X = H, halogen, C1-10 alkyl (optionally substituted with OH), C6-10 aryl (optionally substituted with halogen, C1-4 alkyl, C3-8 alicyclyl; Y = CH2, II, III, IV, V, CO; m, n = integer 0-4].

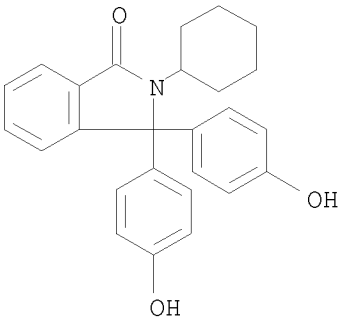
IT 133397-07-6 137564-36-4 137564-39-7 137564-41-1 137591-39-0 137591-41-4 137607-58-0
RL: PRP (Properties)
(phosphor)

RN 133397-07-6 CAPLUS

CN Benzonitrile, 2,6-dichloro-, polymer with 2-cyclohexyl-2,3-dihydro-3,3-bis(4-hydroxyphenyl)-1H-isoindol-1-one (9CI) (CA INDEX NAME)

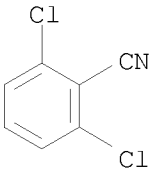
CM 1

CRN 22749-88-8
CMF C26 H25 N O3

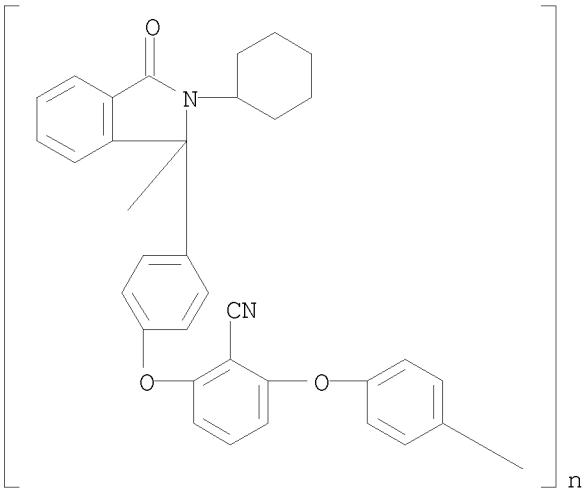


CM 2

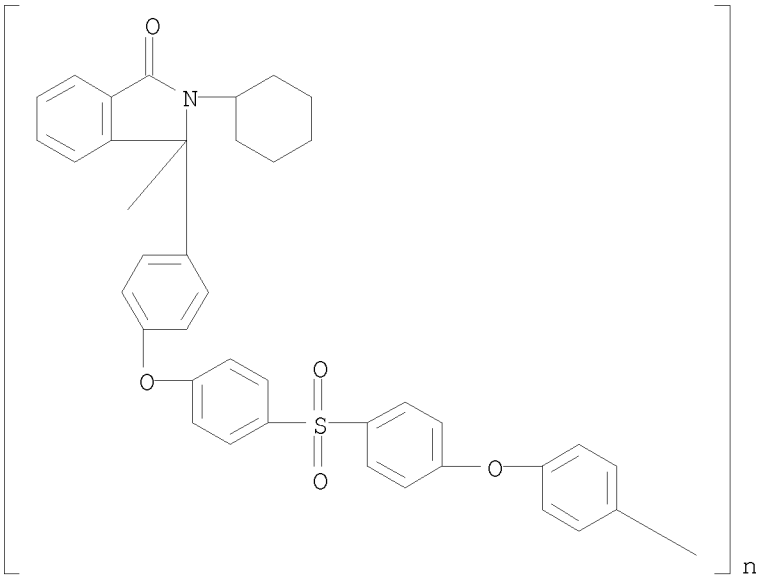
CRN 1194-65-6
CMF C7 H3 Cl2 N



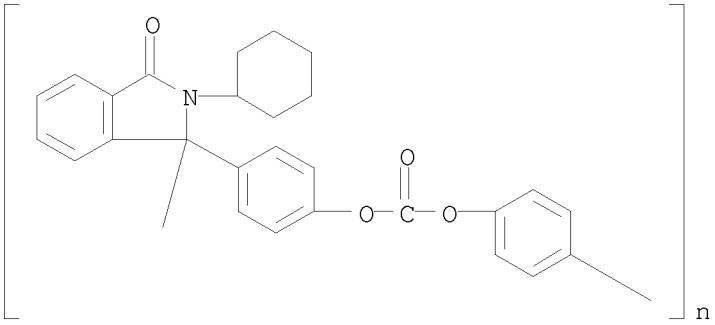
RN 137564-36-4 CAPLUS
CN Poly[(2-cyclohexyl-2,3-dihydro-3-oxo-1H-isoindol-1-ylidene)-1,4-phenyleneoxy(2-cyano-1,3-phenylene)oxy-1,4-phenylene] (9CI) (CA INDEX NAME)



RN 137564-39-7 CAPLUS
CN Poly[(2-cyclohexyl-2,3-dihydro-3-oxo-1H-isoindol-1-ylidene)-1,4-phenyleneoxy-1,4-phenylenesulfonyl-1,4-phenyleneoxy-1,4-phenylene] (9CI) (CA INDEX NAME)



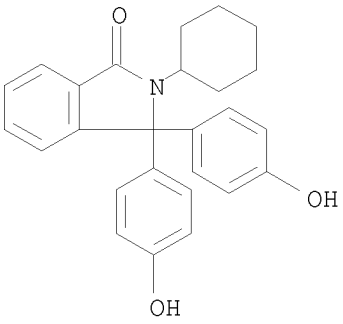
RN 137564-41-1 CAPLUS
CN Poly[(2-cyclohexyl-2,3-dihydro-3-oxo-1H-isoindol-1-ylidene)-1,4-phenyleneoxycarbonyloxy-1,4-phenylene] (9CI) (CA INDEX NAME)



RN 137591-39-0 CAPLUS
CN 1H-Isoindol-1-one, 2-cyclohexyl-2,3-dihydro-3,3-bis(4-hydroxyphenyl)-, polymer with 1,1'-sulfonylbis[4-fluorobenzene] (9CI) (CA INDEX NAME)

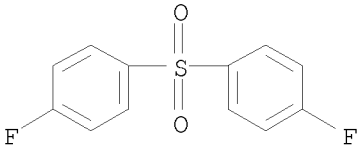
CM 1

CRN 22749-88-8
CMF C26 H25 N O3



CM 2

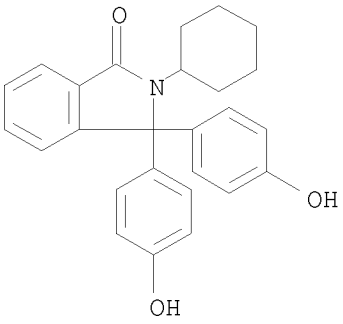
CRN 383-29-9
CMF C12 H8 F2 O2 S



RN 137591-41-4 CAPLUS
CN Carbonic dichloride, polymer with 2-cyclohexyl-2,3-dihydro-3,3-bis(4-hydroxyphenyl)-1H-isoindol-1-one (9CI) (CA INDEX NAME)

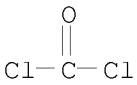
CM 1

CRN 22749-88-8
CMF C26 H25 N O3



CM 2

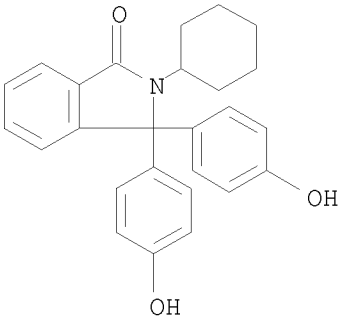
CRN 75-44-5
CMF C Cl2 O



RN 137607-58-0 CAPLUS
CN Carbonic dichloride, polymer with 2-cyclohexyl-2,3-dihydro-3,3-bis(4-hydroxyphenyl)-1H-isoindol-1-one and 4,4'-(1-methylethylidene)bis[phenol] (9CI) (CA INDEX NAME)

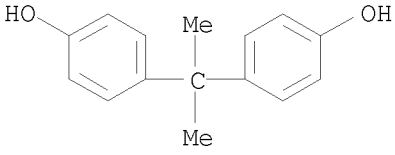
CM 1

CRN 22749-88-8
CMF C26 H25 N O3



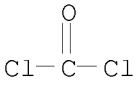
CM 2

CRN 80-05-7
CMF C15 H16 O2



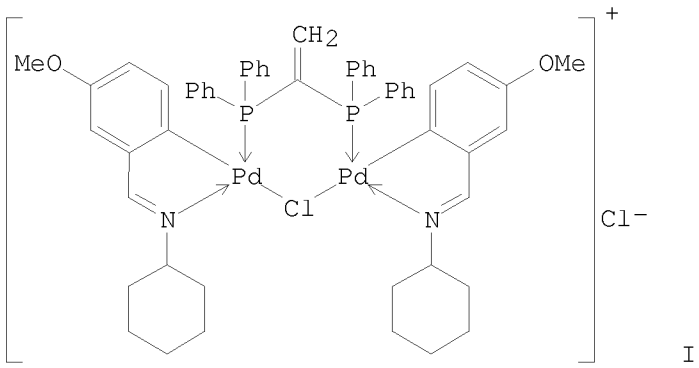
CM 3

CRN 75-44-5
CMF C Cl2 O



L6 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1991:229133 CAPLUS <<LOGINID::20080222>>
DN 114:229133
TI Synthesis of cyclometalated compounds of N-(3-methoxy)benzylidenecyclohexylamine. Crystal structure of the novel cyclometalated bipalladium(II) complex [(mbcy-C6,N)Pd{μ-Ph2PC(:CH2)PPh2}(μ-Cl)Pd(mbcy-C6,N)]Cl.4CHCl3
AU Vila, J. M.; Ortigueira, J. M.; Gayoso, E.; Gayoso, M.; Castineiras, A.; Hiller, W.; Straehle, J.
CS Dep. Quim. Inorg., Univ. Santiago de Compostela, Santiago de Compostela, E-15706, Spain
SO Inorganica Chimica Acta (1991), 179(2), 171-8
CODEN: ICHAA3; ISSN: 0020-1693
DT Journal
LA English
OS CASREACT 114:229133
GI



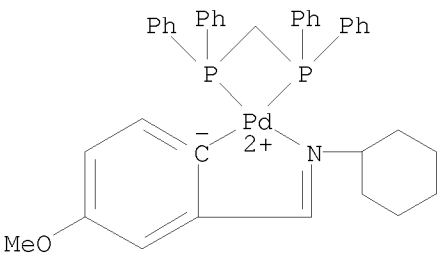
I

AB The reaction of Pd(OAc)2 with N-(3-methoxy)benzylidenecyclohexylamine (Hmbcy) in glacial AcOH yields the acetato-bridged complex which on treatment with NaX (X = Cl, Br) gave halide-bridged dimers. Reaction of these halide bridged dimers with bis(diphenylphosphino)methane (dppm) or Ph2PC(:CH2)PPh2 (vdpp) in a 1:1 molar ratio gives the dinuclear species with the two Pd atoms bridged by a diphosphine and a halogen atom. Conductivity measurements show that they are 1:1 electrolytes. Reaction of halide bridged dimers with dppm or vdpp in the presence of NaClO4 or NH4PF6 yields the mononuclear species with the diphosphine as chelating ligand. These complexes are also 1:1 electrolytes. The complexes were characterized by IR, 31P{1H} and 1H NMR spectroscopies. The crystal structure of the novel bipalladium(II) complex I has been determined
IT 133623-12-8P 133623-13-9P 133623-16-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and conductivity of)
RN 133623-12-8 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino)methyl]-4-methoxyphenyl-C,N][methylenebis[diphenylphosphine]-P,P']-, (SP-4-3)-, perchlorate (9CI) (CA INDEX NAME)

CM 1

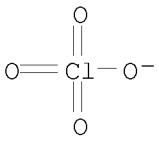
CRN 133623-11-7

CMF C39 H40 N O P2 Pd
CCI CCS



CM 2

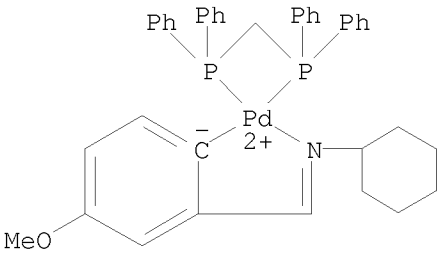
CRN 14797-73-0
CMF Cl O4



RN 133623-13-9 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino)methyl]-4-methoxyphenyl-C,N][methylenebis[diphenylphosphine]-P,P']-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

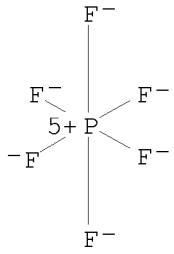
CM 1

CRN 133623-11-7
CMF C39 H40 N O P2 Pd
CCI CCS



CM 2

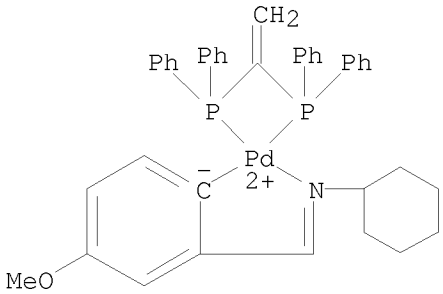
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 133623-16-2 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino)methyl]-4-methoxyphenyl][ethenylidenebis[diphenylphosphine]-P,P']-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

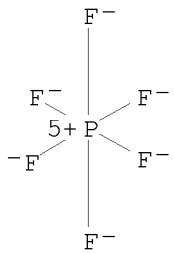
CM 1

CRN 133623-15-1
CMF C40 H40 N O P2 Pd
CCI CCS



CM 2

CRN 16919-18-9
CMF F6 P
CCI CCS

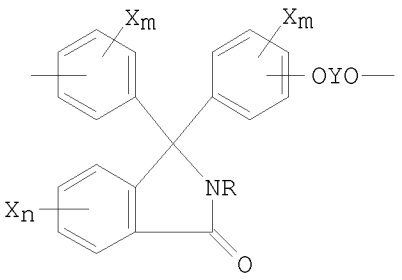


L6 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

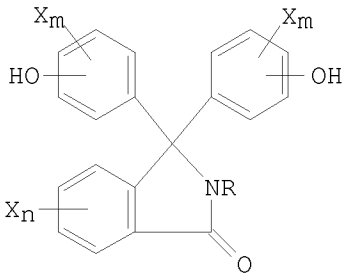
AN 1991:186376 CAPLUS <<LOGINID::20080222>>
DN 114:186376
TI Heat-resistant transparent aromatic polyethers and their manufacture
IN Takahashi, Kenkichi; Kayano, Chikafumi
PA Idemitsu Kosan Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02283726	A	19901121	JP 1989-150430	19890615
PRAI	JP 1989-14985	A1	19890126		

GI



I



II

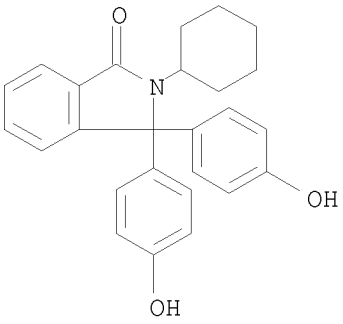
AB The title polymers with reducing viscosity (η) ≥0.2 dL/g in 0.2 g/dL p-ClC6H4OH solution at 60° and containing units I [R = C1-10 (halo)alkyl, (halo- or C1-4 alkyl-substituted) C6-10 aryl, C3-8 alicyclic group; X = H, halo, C1-10 alkyl, (halo- or C1-4 alkyl-substituted) C6-10 aryl, C3-8 alicyclic group; Y = C6H4COC6H4, cyanophenylene, pyridinylene; m, n = 0-4] are prepared by treating bisphenols II with dihalobenzophenones, dihalobenzonitriles, or dihalopyridines in neutral polar solvents in presence of alkali metal compds. Thus, 0.27 mol 2-methyl-3,3-bis(p-hydroxyphenyl)phthalimidine and 0.28 mol (4-FC6H4)2CO were polymerized in N-methylpyrrolidone in presence of Na2CO3 at 195-200° to give 134 g polymer with η 0.86 dL/g, glass transition point 230.9°, and 5% weight-reduction temperature 501.0°.

IT 133396-80-2P 133397-07-6P 133416-94-1P
RL: PREP (Preparation)
(preparation of, heat-resistant, transparent)

RN 133396-80-2 CAPLUS
CN 1H-Isoindol-1-one, 2-cyclohexyl-2,3-dihydro-3,3-bis(4-hydroxyphenyl)-, polymer with 2,6-dichloropyridine (9CI) (CA INDEX NAME)

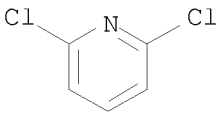
CM 1

CRN 22749-88-8
CMF C26 H25 N O3



CM 2

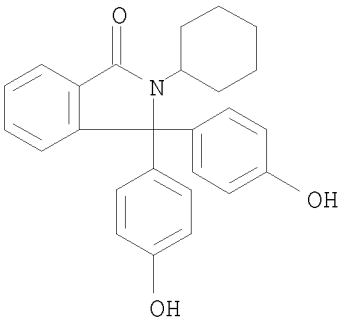
CRN 2402-78-0
CMF C5 H3 Cl2 N



RN 133397-07-6 CAPLUS
CN Benzonitrile, 2,6-dichloro-, polymer with 2-cyclohexyl-2,3-dihydro-3,3-bis(4-hydroxyphenyl)-1H-isoindol-1-one (9CI) (CA INDEX NAME)

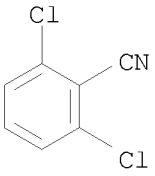
CM 1

CRN 22749-88-8
CMF C26 H25 N O3



CM 2

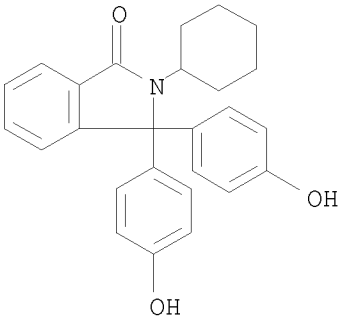
CRN 1194-65-6
CMF C7 H3 Cl2 N



RN 133416-94-1 CAPLUS
CN 1H-Isoindol-1-one, 2-cyclohexyl-2,3-dihydro-3,3-bis(4-hydroxyphenyl)-, polymer with bis(4-fluorophenyl)methanone (9CI) (CA INDEX NAME)

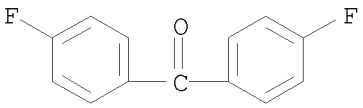
CM 1

CRN 22749-88-8
CMF C26 H25 N O3

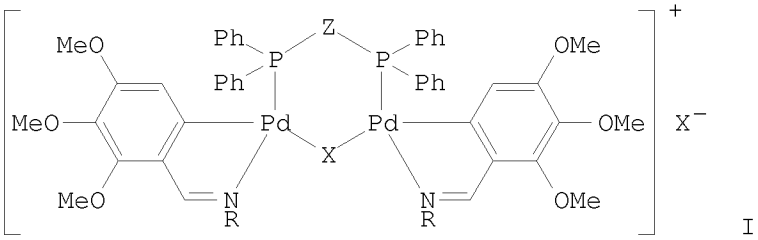


CM 2

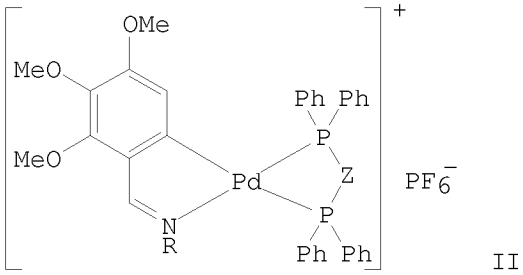
CRN 345-92-6
CMF C13 H8 F2 O



L6 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1991:143664 CAPLUS <<LOGINID::20080222>>
DN 114:143664
TI Reactivity of cyclometalated palladium(II) dimer complexes with diphosphines
AU Vila, Jose M.; Gayoso, Miguel; Fernandez, Jesus J.; Ortigueira, Juan M.; Suarez, Antonio
CS Dep. Inorg. Chem., Univ. Santiago, Santiago de Compostela, 15706, Spain
SO Polyhedron (1990), 9(22), 2741-5
CODEN: PLYHDE; ISSN: 0277-5387
DT Journal
LA English
GI



I



II

AB The new Pd complexes I (R = cyclohexyl, 2,4,6-Me3C6H2; Z = CH2, C:CH2; X = MeCO2) were synthesized as 1:1 electrolytes by treating the cyclometalated Schiff base palladium(II) acetato-bridged dimers with the appropriate diphosphine in a 1:1 molar ratio. These were converted into the analogous halide-bridged complexes by treatment with NaX (X = Cl, Br). Reaction of the palladium(II) cyclometalated halide-bridged dimers with Ph2PCH2PPh2 or Ph2PC(:CH2)PPh2 in 1:1 and 1:2 molar ratios gave the dinuclear and mononuclear species, I (X = Cl, Br) and II resp., as 1:1 electrolytes. The stereochem. of the complexes is discussed on the basis of spectroscopic data. The compds. were characterized by microanal. (C, H, N), IR and 1H and 31P{1H} NMR spectroscopy.

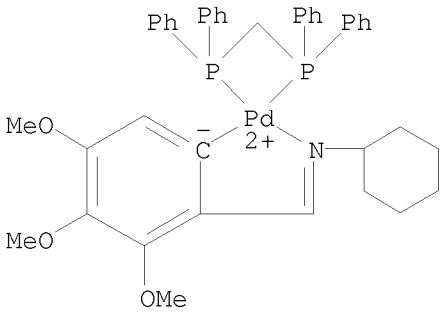
IT 132615-91-9P 132615-93-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 132615-91-9 CAPLUS

CN Palladium(1+), [2-[(cyclohexylimino)methyl]-3,4,5-trimethoxyphenyl-C,N][methylenebis[diphenylphosphine]-P,P']-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

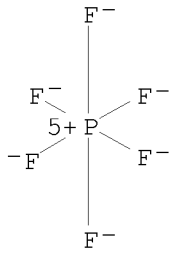
CM 1

CRN 132615-90-8
CMF C41 H44 N O3 P2 Pd
CCI CCS



CM 2

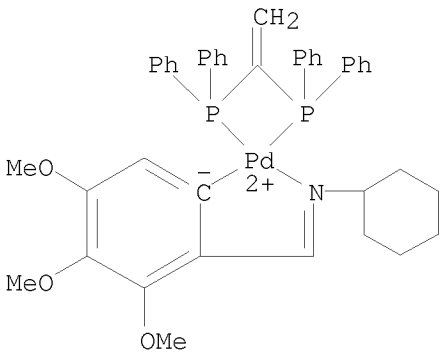
CRN 16919-18-9
CMF F6 P
CCI CCS



RN 132615-93-1 CAPLUS
CN Palladium(1+), [2-[(cyclohexylimino)methyl]-3,4,5-trimethoxyphenyl-C,N][ethenylidenebis[diphenylphosphine]-P,P']-, (SP-4-3)-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

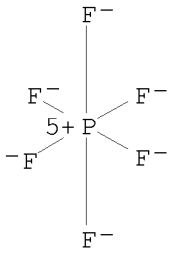
CM 1

CRN 132615-92-0
CMF C42 H44 N O3 P2 Pd
CCI CCS



CM 2

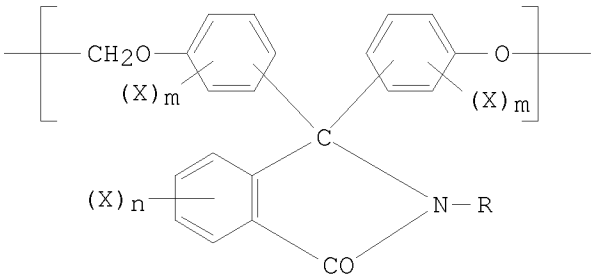
CRN 16919-18-9
CMF F6 P
CCI CCS



L6 ANSWER 26 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1991:7424 CAPLUS <<LOGINID::20080222>>
DN 114:7424
TI Preparation of polyformals and as binders for charge-transporting materials
IN Takahashi, Kenkichi
PA Idemitsu Kosan Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02194021	A	19900731	JP 1989-12019	19890123
	JP 2648359	B2	19970827		
PRAI	JP 1989-12019		19890123		

GI



I

AB Polyformals (I) (R = C1-10 alkyl, halogen or OH-substituted alkyl, aromatic group, halogen- or C1-4 alkyl-substituted aromatic group, and C3-8 cyclic aliphatic group; X = H, halogen, C1-10 alkyl, OH-substituted alkyl, aromatic group, halogen- or C1-4 alkyl-substituted arom group; and C3-8 cyclic aliphatic; m,n = 0-4) having good heat resistance and useful as binders for electrophotog. photoconductors are prepared Thus, heating

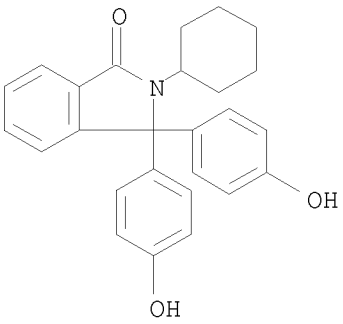
2-methyl-3,3-bis(p-hydroxyphenyl)phthalimidine 0.3, NaOH 0.73, and CH2Cl2 0.45 mol in 400 mL 1,3-dimethyl-2-imidazolidinone at 70° for 5 h gave a polymer having reduced viscosity 0.47 dL/g (0.5 g/dL in CH2Cl2, 25°).

IT 130978-16-4P 131004-51-8P
RL: PREP (Preparation)
(preparation of, heat-resistant, binder, for electrophotog. photoconductors)

RN 130978-16-4 CAPLUS
CN 1H-Isoindol-1-one, 2-cyclohexyl-2,3-dihydro-3,3-bis(4-hydroxyphenyl)-, polymer with dichloromethane (9CI) (CA INDEX NAME)

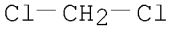
CM 1

CRN 22749-88-8
CMF C26 H25 N O3

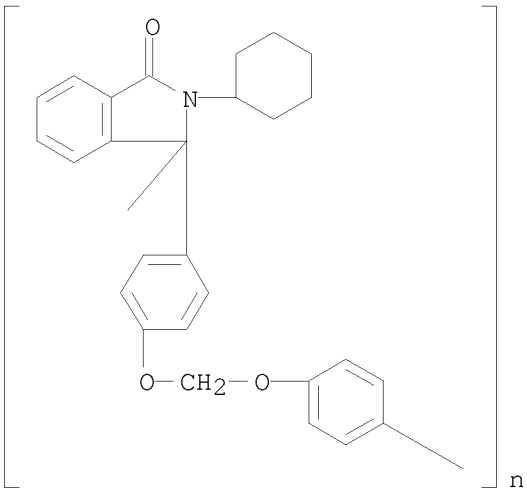


CM 2

CRN 75-09-2
CMF C H2 Cl2



RN 131004-51-8 CAPLUS
CN Poly[(2-cyclohexyl-2,3-dihydro-3-oxo-1H-isoindol-1-ylidene)-1,4-phenyleneoxymethyleneoxy-1,4-phenylene] (9CI) (CA INDEX NAME)



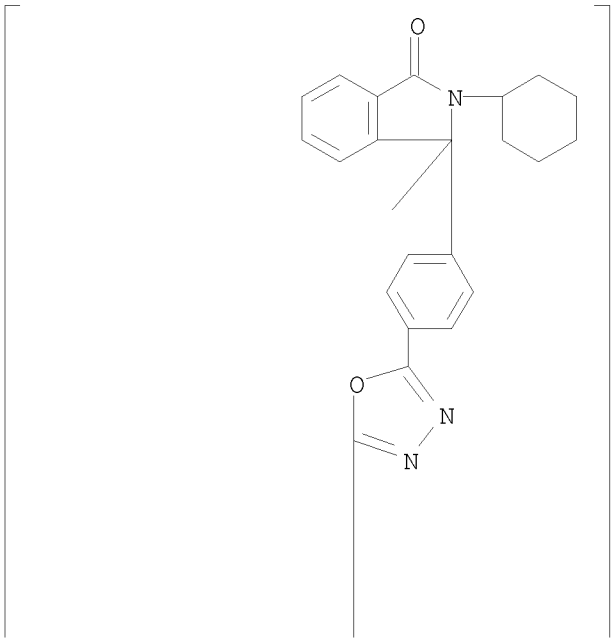
L6 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1982:493346 CAPLUS <<LOGINID::20080222>>
DN 97:93346
OREF 97:15577a,15580a
TI Porous polymer membrane
IN Bogdanov, A. P.; Gumen, R. G.; Chernikhov, A. Ya.; Saldadze, K. M.; Ostrovskaya, N. K.; Stremovskii, L. L.; Yakovlev, M. N.; Martynov, S. F.; Pavlov, O. M.
PA USSR
SO PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DT Patent
LA Russian
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8200648	A1	19820304	WO 1980-SU144	19800822
	W: CH, DE, GB, JP, US				
	JP 57501237	T	19820715	JP 1980-502252	19800822
	GB 2093460	A	19820902	GB 1982-10910	19800822
	GB 2093460	B	19840201		
	DE 3050547	T0	19820923	DE 1980-3050547	19800822
PRAI	WO 1980-SU144	W	19800822		

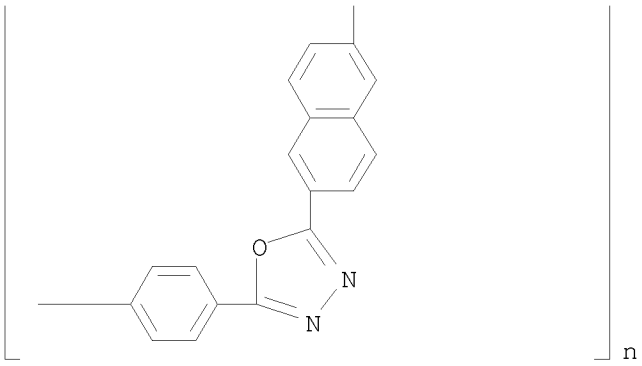
AB Porous membranes from 1,3,4-oxadiazole derivative polymers containing groups soluble in organic solvents were prepared by a method consisting of using 10-20% solution of the corresponding polyoxadiazole in an organic solvent (N-methylpyrrolidone) and applying to a forming surface with subsequent coagulation of polymer by a precipitating agent. The permeability and selectivity of the prepared membrane was examined under 10 kg/cm H2O pressure after 12 h rinsing with water and treatment with aqueous acid and alkaline solns., PhMe, Me2CO, and superheated water.
IT 82779-70-2P
RL: PREP (Preparation)
(membranes, preparation and properties of porous)
RN 82779-70-2 CAPLUS
CN Poly[(2-cyclohexyl-2,3-dihydro-3-oxo-1H-isoindol-1-ylidene)-1,4-phenylene-1,3,4-oxadiazole-2,5-diyl-2,6-naphthalenediyl-1,3,4-oxadiazole-2,5-diyl-

1,4-phenylene] (9CI) (CA INDEX NAME)

PAGE 1-A

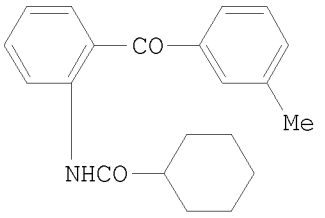


PAGE 2-A

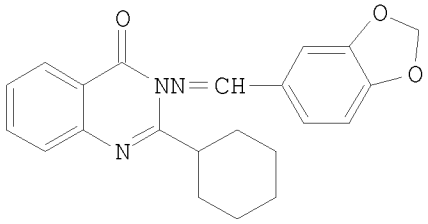


L6 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1980:158265 CAPLUS <<LOGINID::20080222>>
DN 92:158265
OREF 92:25574h,25575a
TI Some reactions with 4H-3,1-benzoxazin-4-one and some studies on the growth of bacteria
AU Mahmoud, M.; El-Hashash, M.
CS Fac. Sci., Ain Shams Univ., Cairo, Egypt
SO Revue Roumaine de Chimie (1979), 24(6), 849-58
    CODEN: RRCHAX; ISSN: 0035-3930

DT Journal
LA English
OS CASREACT 92:158265
GI



I



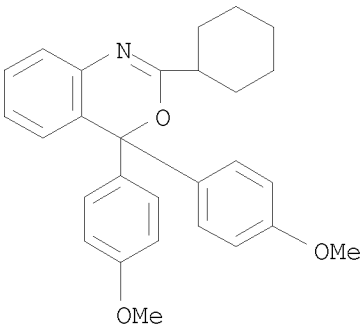
II

AB Some 2-substituted-3,1(4H)benzoxazin-4-ones were reacted with Grignard reagents, primary amines sulfamidic compds., NaN3, aldehydes, PiS5, or malononitrile, and the resulting products were tested for their inhibitory effects on 2 strains of Bacillus. I [72756-63-9] and II [72756-64-0] were among the most active antibacterial compds. obtained.

IT 72756-60-6P
RL: PREP (Preparation)
(preparation of)

RN 72756-60-6 CAPLUS

CN 4H-3,1-Benzoxazine, 2-cyclohexyl-4,4-bis(4-methoxyphenyl)- (CA INDEX NAME)



L6 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1976:137221 CAPLUS <<LOGINID::20080222>>
DN 84:137221
OREF 84:22319a,22322a
TI Dye former
IN Ozutsumi, Minoru; Miyazawa, Yoshihide; Yamaguchi, Masahiko
PA Hodogaya Chemical Co., Ltd., Japan
SO Ger. Offen., 38 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI	DE 2530463	A1	19760129	DE 1975-2530463	19750708
	DE 2530463	B2	19771110		
	JP 51007027	A	19760121	JP 1974-77348	19740708
	JP 51041139	B	19761108		
	US 4073614	A	19780214	US 1975-594173	19750708
	US 4074050	A	19780214	US 1977-778280	19770316
PRAI	JP 1974-77348	A	19740708		
	US 1975-594173	A3	19750708		

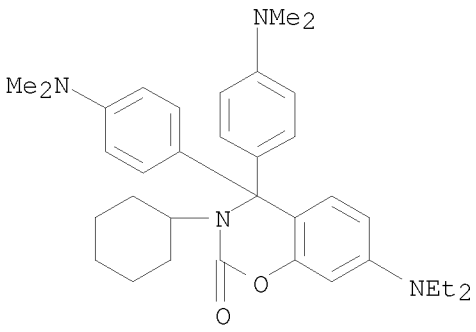
GI For diagram(s), see printed CA Issue.

AB Mixts. of color formers I (R = H, Me, Et, PhCH2, 4-MeC6H4; R1 = PhCH2, Ph; R2 = Me, Ph, substituted Ph, Et, Bu, cyclohexyl, allyl, C10H7, C10H7CH2, PhCH2CH2, Me2CHCH2; R3 = Et2N, H, (PhCH2)2N, MeO, Me2N, Me, Cl, EtO; R4 = H, Me, Cl) and II (R, R1, R2, R3, R4 defined as in I) were prepared and gave intense greenish blue to purple shades on acid clay after several hr of contact. Thus, bis[4-(dimethylamino)phenyl]-[2-N-methylcarbamoyloxy-4-(diethylamino)phenyl]methane [58709-31-2] was oxidized with chloranil to give a mixture of I (R = R1 = R2 = Me, R3 = Me2N, R4 = H) [58710-12-6] and II (R = R1 = R2 = Me, R3 = Me2N, R4 = H) [58710-13-7]. The other I-II mixts. were similarly prepared

IT 58709-74-3P 58709-82-3P
RL: IMF (Industrial manufacture); PREP (Preparation)
(color former, preparation of)

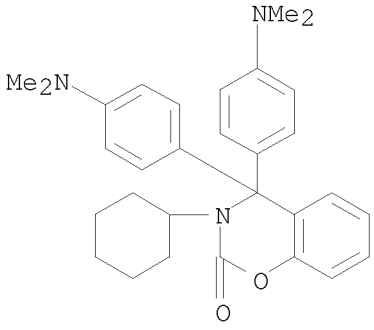
RN 58709-74-3 CAPLUS

CN 2H-1,3-Benzoxazin-2-one, 3-cyclohexyl-7-(diethylamino)-4,4-bis[4-(dimethylamino)phenyl]-3,4-dihydro- (CA INDEX NAME)

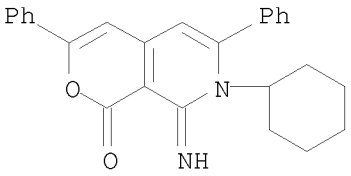


RN 58709-82-3 CAPLUS

CN 2H-1,3-Benzoxazin-2-one, 3-cyclohexyl-4,4-bis[4-(dimethylamino)phenyl]-3,4-dihydro- (CA INDEX NAME)



L6 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1971:463550 CAPLUS <<LOGINID::20080222>>
DN 75:63550
OREF 75:10067a,10070a
TI Reactions of 4-dicyanomethylenepyrans with hindered primary amines
AU VanAllan, J. A.; Reynolds, G. A.
CS Res. Lab., Eastman Kodak Co., Rochester, NY, USA
SO Journal of Heterocyclic Chemistry (1971), 8(3), 367-71
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
AB Reaction of 2,6-dimethyl- and 2,6-diphenyl-4-dicyanomethylene-4H-pyran with hindered primary amines such as isopropylamine and cyclohexylamine gave 1-alkyl-2-amino-3-cyano-6-methyl (or phenyl)-4-acetonylidene (or phenacylidene)-1,4-dihydropyridine derivs. 6-Methyl-4-acetonylidene examples underwent a facile thermal rearrangement to give 1-alkyl-2,6-dimethyl-4-dicyanomethylene-1,4-dihydropyridines. Several reactions of the acylidene derivs. are described.
IT 32883-47-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 32883-47-9 CAPLUS
CN 1H-Pyrano[3,4-c]pyridin-1-one, 7-cyclohexyl-7,8-dihydro-8-imino-3,6-diphenyl- (CA INDEX NAME)



L6 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1969:412999 CAPLUS <<LOGINID::20080222>>
DN 71:12999
OREF 71:2379a
TI Polyglycidylic ethers
PA CIBA Ltd.
SO Fr., 16 pp.
CODEN: FRXXAK
DT Patent
LA French
FAN.CNT 1

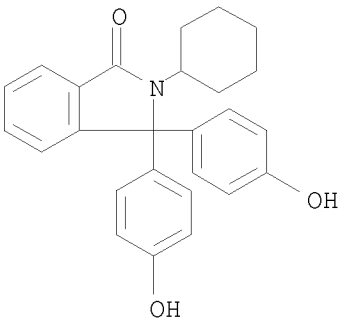
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1519027		19680329	FR 1967-98062	19670309
	CH 496021			CH	
	DE 1670430			DE	
	GB 1158606			GB	
PRAI	CH		19660310		

GI For diagram(s), see printed CA Issue.
AB Phenolphthalein (1 kg.) was stirred 3 hrs. with 81.24% NH4OH, and the mixture stored 14 days, with brief stirring every day, and worked up to give 97% phenolphthalimidine (II), m. 269° (EtOH). A suspension of 900 g. II and 2.67 kg. epichlorhydrin (III) was heated to 100°, a solution

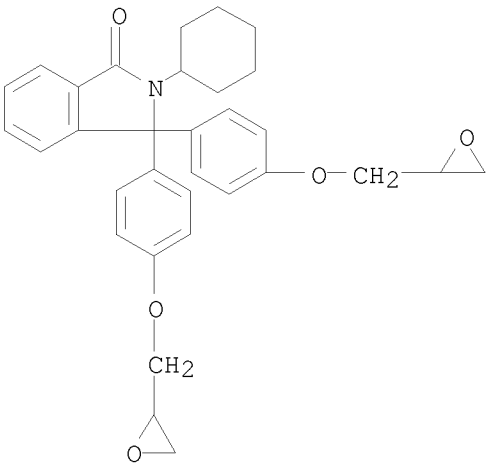
of 340 g. NaOH in 510 g. H2O added dropwise at 100-4° over 2 hrs., as an azeotropic mixture of H2O and III distilled, and the lower layer of III was continuously recycled; distillation was continued 1 more hr., to a still temperature of 118-20°, and the mixture worked up to give 95-100% diglycidyl ether of II, viscous resin, softening point <48°, mol. weight 470. Similarly prepared were the following I and from them the corresponding diglycidyl ethers (R, % yield, and m.p. of I given: the ethers were all resins softening <70°): Me, 98-9, 263° (EtOHEtOAc); Bu, 100, 259° (MeOH-EtOAc); octyl, 94, 209° (C6H6-EtOAc); dodecyl, 92, 181° (CHCl3); octadecyl, 94, 150.5° (chromatog.); Ph, 96-100, 281° (EtOH); cyclohexyl, 94, 302°; β-hydroxyethyl, 97, 257.5° (Me2CO); and γ-hydroxypropyl, 99, 250.5° (EtOH). To a mixture of 500 g. isatin, 750 g. PhOH, and 3 kg. AcOH, 1 kg. concentrated H2SO4 was added dropwise, with a temperature rise to 80° and dissoln. After 6 hrs. at 80°, the solution was worked up to give 70% 3,3-bis(p-hydroxyphenyl)-oxindole, m. 262-3° (chromatog.); the corresponding diglycidyl ether softened <48°. A mixture of 317.3 g. II, 1398 g. III, and 0.5 g. benzyltrimethylammonium chloride was refluxed 3 hrs. at 115°, and 133 g. solid NaOH was slowly added at 60° in 30 min. The stirring at 60° was continued 1 more hr. as the water formed was azeotropically distilled, and the residue worked up to give 470 g. N-glycidyl-phenolphthalamidine diglycidyl ether, resinous. Hardening directions for these resins were given. Thermomech. properties of the hardened resins are given. Use compns. are given.

IT 22749-88-8P 22749-89-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 22749-88-8 CAPLUS
CN 1H-Isoindol-1-one, 2-cyclohexyl-2,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



RN 22749-89-9 CAPLUS
CN Phthalimidine, 2-cyclohexyl-3,3-bis[p-(2,3-epoxypropoxy)phenyl]- (8CI) (CA INDEX NAME)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